

International Ventilation Guide

Innovation in ventilation





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Welcome to Xpelair.

Part of Redring Xpelair Group, Xpelair is one of the most recognised ventilation brands in the world. Xpelair design, engineer and manufacture ventilation solutions in the UK for distribution in more than 80 countries.

Every one of our 300+ products is recognised for ease of installation, reliable performance and pioneering design. The Xpelair range recognises international requirements such as building regulations, environmental legislation and changing construction methods.

By ensuring that the air we breathe is clean, fresh and healthy, our innovative and energy-efficient air quality and air comfort solutions are improving worldwide population health and well-being.



Product Features At A Glance

To simplify the amount of information displayed in this guide, we've created a series of icons, which can be easily referenced to find out any extra detail about the products that isn't contained on the page.



Simply Silent™

Near-silent running minimises disturbance.



So Simple Installation

A range of smart and innovative features enables a quick, simple and hassle-free installation.



So Simple Maintenance

Fans require minimal maintenance once installed.



IP Rating

Indicates the ingress protection of a fan. First figure denotes dust ingress; second figure denotes moisture ingress.



Automatic Speed Options

Denotes the number of automatic speed settings of a fan.



Adjustable Speed Options

Denotes the number of speed settings of a fan selectable at installation.



Heating / Cooling

Products can provide heating or cooling functions for year-round comfort.



RF Control

Products with this feature can be controlled remotely using a wireless RF remote control.



Electronic Backdraught Shutter

Fans with in-built backdraught shutter have additional protection from external noise ingress and draught.



Sleek Design

Indicates that a product has innovative design features.



In-Shower Fan

These fans have been purpose-designed to supply everything required for a safe in-shower installation.



3-Mode Shutter

Fans with this feature have varying shutter modes for ideal airflow.



Install From Inside

These products can be installed entirely from the inside.



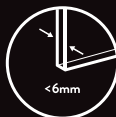
Lumens Figure

Denotes the intensity of the light emitted from fans with an integrated light.



AC/EC/DC Motor

Indicates whether a system uses an alternating current (AC), direct current (DC) or electrically commutated (EC) motor.



Glazing Thickness

Denotes the minimum and maximum window thickness that window fans can be mounted on.



Wet Rooms

Denotes the number of wet rooms that may be configured with this model.



PIV

Positive Input Ventilation delivers a continuous supply of fresh, dry air into the home and forces old, moisture-laden air out through natural leakage points.



MEV

Mechanical Extract Ventilation: system extracts stale, moist air continuously from wet rooms to create a healthy, indoor environment.



MVHR

MVHR systems extract stale, moist air from wet rooms and resupply fresh air from the outside.

Product Features At A Glance (continued)



CSA Approved

These products are CSA approved.



Different Voltage Variants

These products are also available in 120V 50/60Hz variants.



Flame Retardant Materials

This indicates that these variants are made of flame retardant materials.



Passivhaus

Passivhaus standard buildings provide a high level of occupant comfort, while using very little energy for heating and cooling.



Filter

Indicates that a products has an in-built filter to improve air quality.



CE Approved

All our products are CE approved.



ErP Approved

These products are ErP approved. See www.xpelair.co.uk for full technical fiche.



Domestic Ventilation Solutions

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4"/100mm near-silent constant volume axial extract fans	
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Centrifugal extract and condensation control fans	
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Commercial ceiling-mounted fans	
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Commercial wall fans with 'safe lock' metal telescopic wall liner	
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CSA approved commercial wall fans with 'safe lock' metal telescopic wall liner	
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Systems Ventilation Solutions

Xplus 2 AC	84
Multi-point domestic and commercial ventilation unit	

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Low-energy, multi-point domestic and commercial ventilation unit	

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Mechanical ventilation with heat recovery	

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Mechanical ventilation with heat recovery	

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Air purifier for use in rooms up to 16m ²	

Ancillaries

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Domestic Ventilation Solutions

Models	Ventilation Type	Axial	Centrifugal	Mixed Flow	Page Number
VX100 & VX120	4"/100mm and 5"/120mm axial extract fans	✓			10
DX100 & LV100	4"/100mm axial extract fans	✓			12
Simply Silent™ DX100 & DX100B	4"/100mm axial extract fans	✓			14
Simply Silent™ LV100	SELV 4"/100mm axial extract fans	✓			16
Simply Silent™ Contour C4	4"/100mm near-silent axial extract fans	✓			18
Simply Silent™ Contour CV4	4"/100mm near-silent constant volume axial extract fans	✓			20
Premier DX200 & CF20	Centrifugal extract and condensation control fans		✓		22
Premier LVDX200T & LVCF20	SELV centrifugal extract fans		✓		24
Premier DC2 & DC3	Long-life, energy-saving dMEV centrifugal fans		✓		26
Premier DX400 & CF40	Centrifugal extract and condensation control fans		✓		28
Simply Silent™ Shower Fans	4"/100mm near-silent axial extract fans	✓			30
XIL & XXS	Inline axial extract fan systems for shower cubicles	✓			32
XIMX	Inline mixed flow extract fans for domestic ducted applications			✓	34
VX150	6"/150mm axial extract fans	✓			36
Simply Silent™ DX150	6"/150mm axial extract fans	✓			38
Simply Silent™ GX150	6"/150mm axial extract fans with window-fitting kit	✓			40
Simply Silent™ Contour C6	6"/150mm axial extract fans	✓			42
Simply Silent™ G6	6"/150mm axial extract fans with window-fitting kit	✓			44
GX6 & GXC6	6"/150mm AC axial extract fans	✓			46
GX6 EC3 & GX6 EC3 RF	6"/150mm EC long-life, low-energy axial fans	✓			48
GX6 CSA 120V 60Hz & 120V 50/60Hz	6"/150mm CSA approved & 120V 50/60Hz AC axial extract fans	✓			50

Domestic

Commercial

Systems

Air Comfort

Air Purification

Ancillaries



VX100 & VX120

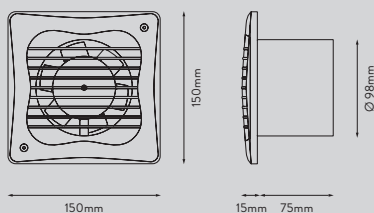
4"/100mm and 5"/120mm axial extract fans



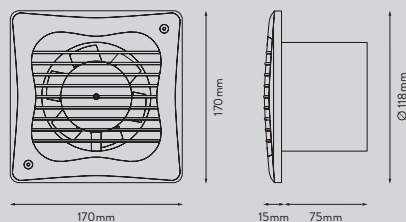
A range of easy to install single speed extract fans. Suitable for a wide range of applications including bathrooms, shower rooms and toilets including zones 1 and 2. VX120 also suitable for utility rooms. Suitable for wall and ceiling fitting, both VX100 and VX120 are available in standard and timer variants.



VX100



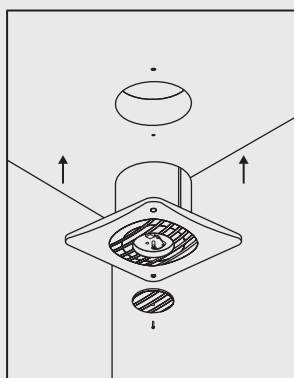
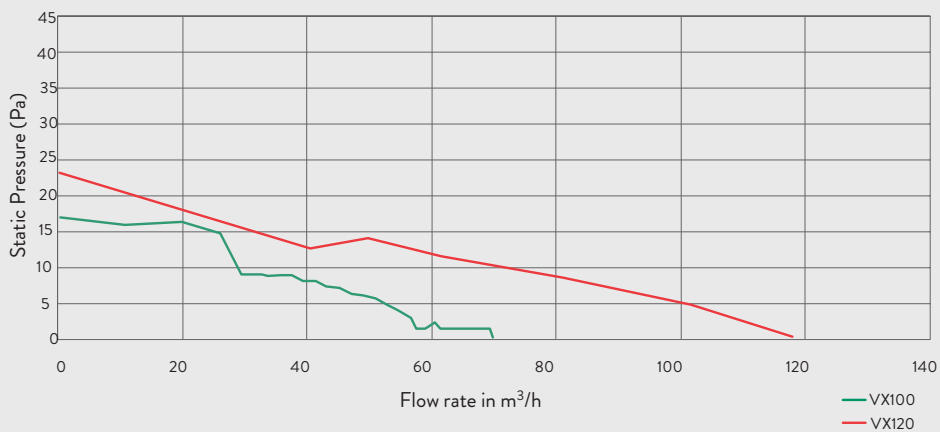
VX120



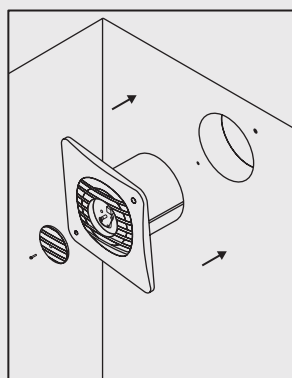
Product Features	VX100	VX100T	VX120	VX120T
Reference Number	93224AW	93225AW	93228AW	93229AW
Timer (adjustable from 30s – 30mins)		✓		✓
72 m ³ /h	✓	✓		
137 m ³ /h			✓	✓



Product Selector	VX100	VX100T	VX120	VX120T
Reference Number	93224AW	93225AW	93228AW	93229AW
Extract Performance (l/s)	20	20	38	38
Extract Performance (m ³ /h)	73	73	137	137
Electrical Power Rating (W)	16	16	23	23
Specific Fan Power (SFP) (W/l/s)	0.78	0.78	0.61	0.61
IP Rating	IPX4	IPX4	IPX4	IPX4
Integral Timer		✓		✓
Motor Type	AC	AC	AC	AC



Ceiling Installation



Wall Installation

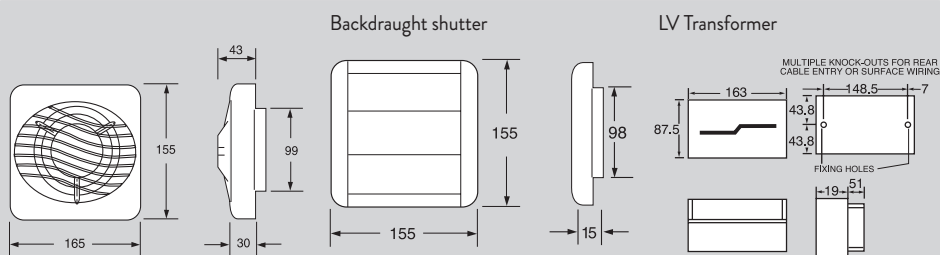
DX100 & LV100

4"/100mm axial fans complete with fitting kit



A comprehensive range of compact and easy to install single speed fans. Suitable for a wide range of applications including bathrooms, shower rooms and toilets.

All DX and LV fans come complete with a universal fitting kit (wall tube, gasket x 2, outer grille and skirt moulding for window) suitable for wall, ceiling or window mounting in single glazing up to 6mm. LV100 models offer complete peace of mind as they are specifically designed to be installed directly in or over the splash area zone 1 in complete safety.



Product Features	DX100	DX100T	DX100HTA	LV100T	LV100HTA	LV100HTAP
Reference Number	90839AW	90841AW	92567AW	90847AW	92569AW	92570AW
Back-Draught Shutter	✓	✓	✓	✓	✓	✓
12V Extra Low Voltage				✓	✓	✓
Standard	✓					
Timer		✓		✓		
Adjustable Humidistat			✓		✓	✓



Product Selector	DX100	DX100T	DX100HTA	LV100T	LV100HTA	LV100HTAP
Speeds	90839AW	90841AW	92567AW	90847AW	92569AW	92570AW
Extract Performance (l/s)	21	21	21	24	24	24
Extract Performance (m ³ /h)	76	76	76	85	85	85
Electrical Power Rating (W)	12	12	12	13	13	13
Specific Fan Power (W/l/s)	1	1	1	0.5	0.5	0.5
Sound Pressure Level (dBA@3m)	35	35	35	37	37	37
IP Rating	IPX5	IPX5	IPX5	IPX5	IPX5	IPX5
Motor Type	AC	AC	AC	AC	AC	AC

Simply Silent™ DX100 & DX100B

4"/100mm axial extract fans

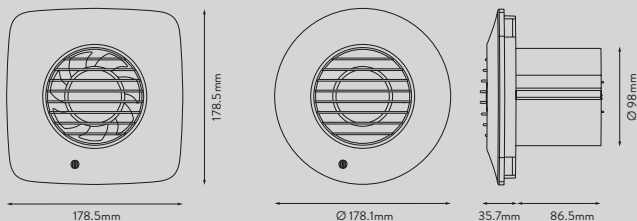


The Simply Silent™ DX100 intermittent extract fan range is designed for those looking for something conventional, with a modern twist. Just like the entire Simply Silent™ family, these fans control humidity, odours and mould growth effectively in bathrooms, shower rooms, cloakrooms, toilets and kitchens. But the Simply Silent™ DX range features a more conventional grille-style fascia, finished in cool white and available in either round or square. The DX100 range has two speeds, selectable at install, and features a wall-fitting kit.

Wall Kit Includes*



**With kit* models only.



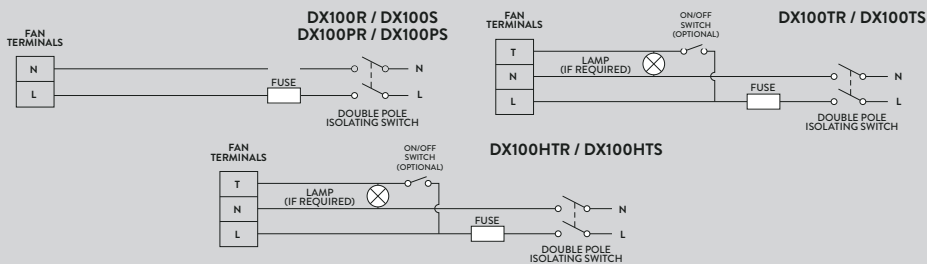
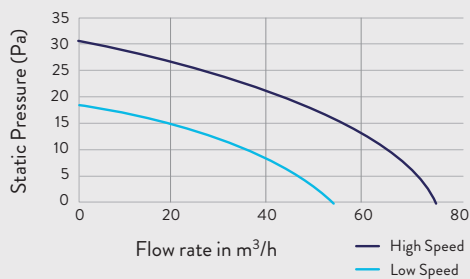
	Models	Design	Standard	Timer (adjustable from 30s – 30mins)	Pullcord	Humidistat (50-90% RH)	PIR	Wall Fitting Kit Supplied
With Kit	DX100S	93025AW	■	✓				✓
	DX100TS	93026AW	■	✓				✓
	DX100PS	93027AW	■		✓			✓
	DX100HTS	93028AW	■	✓		✓		✓
	DX100HPTS	93029AW	■	✓	✓	✓		✓
	DX100PIRS	93030AW	■				✓	✓
	DX100R	93005AW	●	✓				✓
	DX100TR	93006AW	●	✓				✓
	DX100PR	93007AW	●		✓			✓
	DX100HTR	93008AW	●	✓		✓		✓
Without Kit	DX100HPTR	93009AW	●	✓	✓	✓		✓
	DX100PIRR	93010AW	●				✓	✓
	DX100BS	93017AW	■	✓				
	DX100BTS	93018AW	■	✓				
	DX100BPS	93002AW	■		✓			
	DX100BHTS	93019AW	■	✓		✓		
	DX100BHPTS	93020AW	■	✓	✓	✓		
	DX100BR	92997AW	●	✓				
	DX100BTR	92998AW	●	✓				
	DX100BPR	93001AW	●		✓			
	DX100BHTR	92999AW	●	✓		✓		
	DX100BHPTTR	93000AW	●	✓	✓	✓		



Product Selector	DX100	DX100B
Speeds	2	2
Extract Performance (l/s)	15/21	15/21
Extract Performance (m³/h)	53/74	53/74
Electrical Power Rating (W)	6/6.7	6/6.7
Specific Fan Power (W/l/s)	0.41/0.33	0.41/0.33
Sound Pressure Level (dBA@3m)	22/34	22/34
IP Rating	IPX4	IPX4
Motor Type	AC	AC

Low Speed	
Static Pressure (Pa)	Flow rate in m³/h
0	52.31
1.5	49.51
3.2	46.69
4.8	43.69
7.2	40.46
8.9	37.15
10.4	33.51
11.7	28.92
12.4	24.05
13.4	17.06
17.8	0.00

High Speed	
Static Pressure (Pa)	Flow rate in m³/h
0	73.77
4.6	69.33
8.2	65.14
11.6	60.88
14.6	55.81
16.4	50.08
16.8	44.24
16.7	38.43
16.8	31.79
17.8	22.38
30	0.00



For fixed wiring circuits the protective fuse for the appliance must not exceed 5A.

ANCILLARIES

We recommend the Inside Fit External Wall Kit to allow fuss-free fitting from the inside. See ancillaries for further information.



Fold the outer grille.



Push through the wall tube.



Open up the outer grille.



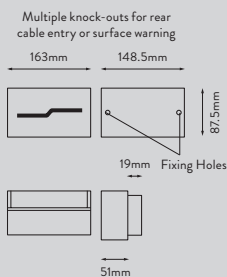
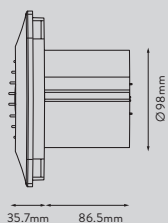
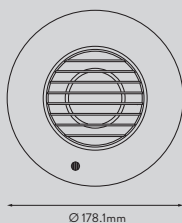
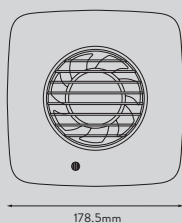
Pull back on the string to secure to the outside wall.

Simply Silent™ LV100

4"/100mm SELV axial extract fans complete with wall-fitting kit



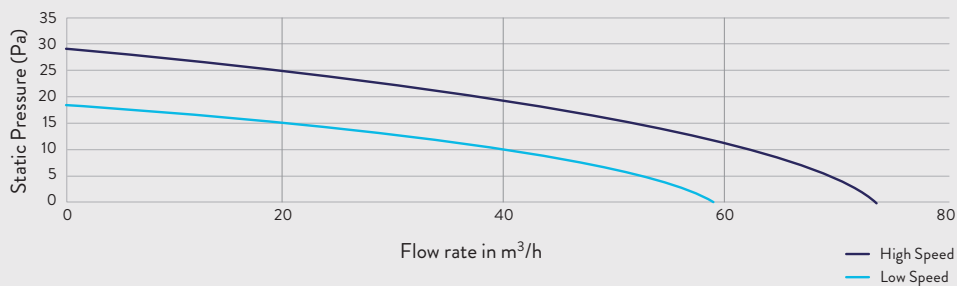
The Simply Silent™ LV100 (Low Volt) models are designed specifically for safe installation directly in or over the splash area zone 1, offering complete peace of mind. These models are supplied with a 12V SELV transformer, positioned out of reach of any person using the bath or shower. The LV100 range has two speeds, selectable at install.



With Kit	Models		Design	Standard	Timer (Adjustable 30s - 30mins)	Pullcord	Humidistat (50-90% RH)	PIR
	LV100S	93031AW	■	✓				
	LV100TS	93032AW	■		✓			
	LV100PS	93033AW	■			✓		
	LV100HTS	93034AW	■		✓		✓	
	LV100HPTS	93035AW	■		✓	✓	✓	
	LV100PIRS	93036AW	■					✓
	LV100R	93011AW	●	✓				
	LV100TR	93012AW	●		✓			
	LV100PR	93013AW	●			✓		
	LV100HTR	93014AW	●		✓		✓	
	LV100HPTR	93015AW	●		✓	✓	✓	
	LV100PIRR	93016AW	●					✓



Product Selector	LV100
Speeds	2
Extract Performance (l/s)	16/21
Extract Performance (m³/h)	58/74
Electrical Power Rating (W)	5.5/11.8
Specific Fan Power (W/l/s)	0.34/0.58
Sound Pressure Level (dBA@3m)	22/34
IP Rating	IPX4
Motor Type	AC



Low Speed												
Static Pressure (Pa)	0	1.8	4.6	5.7	7.4	8.3	10.0	10.8	11.5	11.9	13.1	19.3
Flow Rate in m³/h	57.60	54.79	51.12	48.22	45.14	41.84	38.05	34.06	29.52	24.14	17.12	0.00

High Speed											
Static Pressure (Pa)	0	3.4	7.2	10.8	13.3	15.6	16.2	16.3	16.2	16.5	28.6
Flow Rate in m³/h	73.71	70.00	65.76	61.23	56.34	50.98	44.99	38.43	32.76	23.22	0.00

ANCILLARIES

We recommend the Inside Fit External Wall Kit to allow fuss-free fitting from the inside. See ancillaries for further information.



Fold the outer grille.



Push through the wall tube.



Open up the outer grille.



Pull back on the string to secure to the outside wall.

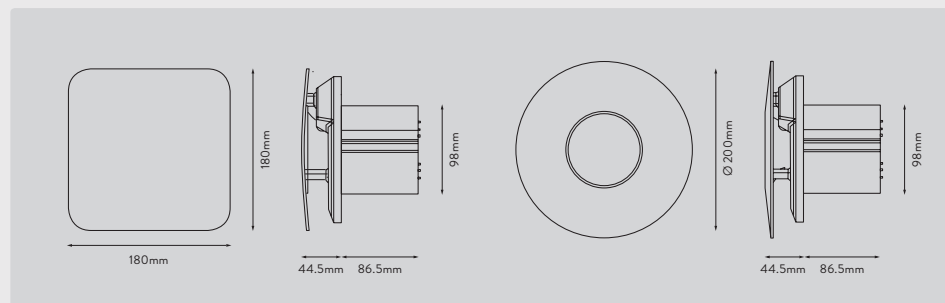


Simply Silent™ Contour C4

4"/100mm near-silent axial extract fans



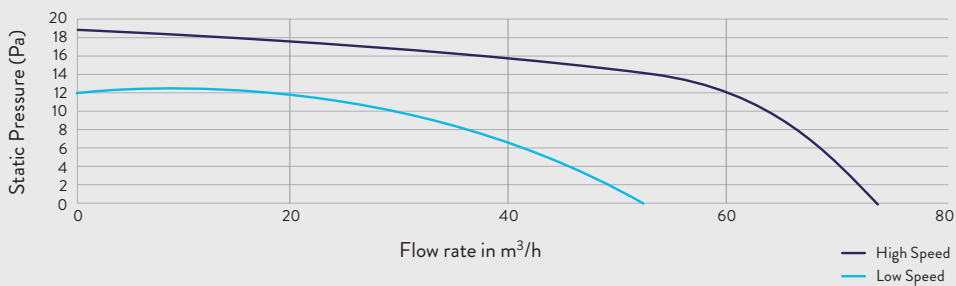
The Simply Silent™ Contour range effectively eliminates humidity, condensation and odour to improve air quality in bathrooms, shower rooms, cloakrooms and toilets. They use advanced Ghost™ Air Movement Technology to deliver near-silent running. Suitable for wall, ceiling, panel and window fitting. The C4 range has two speeds, selectable at install.



Product Features	C4S	C4TS	C4PS	C4HTS	C4R	C4TR	C4PR	C4HTR
Reference Number	92960AW	92962AW	92964AW	92966AW	92961AW	92963AW	92965AW	92967AW
Design	■	■	■	■	●	●	●	●
Standard	✓				✓			
Timer (adjustable 30s – 30m)		✓		✓		✓		✓
Pullcord			✓				✓	
Humidistat (50-90% RH)								✓
Backdraught Shutter	✓	✓	✓	✓	✓	✓	✓	✓

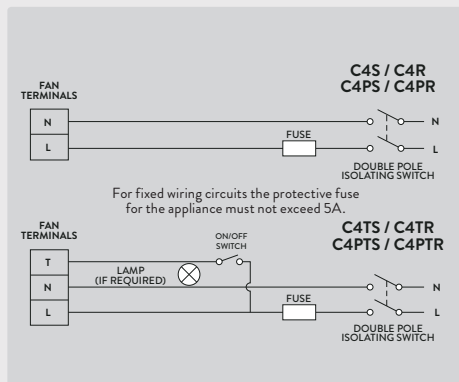


Product Selector	Contour C4
Speeds	2
Extract Performance (l/s)	15/21
Extract Performance (m³/h)	54/76
Electrical Power Rating (W)	6.3/7
Specific Fan Power (W/l/s)	0.42/0.33
Sound Pressure Level (dBA@3m)	15/29
IP Rating	IPX4
Motor Type	AC



Low Speed	
Static Pressure (Pa)	Flow rate in m³/h
0	51.79
1.5	49.25
2.2	47.47
3.7	44.84
5.4	41.87
7.4	37.93
8.6	33.95
9.8	29.43
11.6	24.06
12.6	17.07
11.8	0.00

High Speed	
Static Pressure (Pa)	Flow rate in m³/h
0	73.57
2.8	71.30
5.8	67.70
9.2	63.34
12.3	58.65
14.3	53.56
15.4	47.93
15.6	41.53
15.8	33.95
17.0	24.06
18.8	0.00



ANCILLARIES

We recommend the Inside Fit External Wall Kit to allow fuss-free fitting from the inside. See ancillaries for further information.



Fold the outer grille.



Push through the wall tube.



Open up the outer grille.



Pull back on the string to secure to the outside wall.



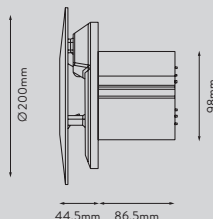
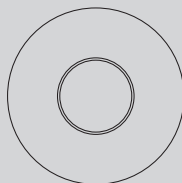
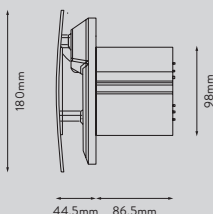
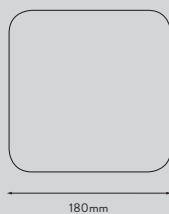
Simply Silent™ Contour CV4

4"/100mm near-silent constant volume axial extract fans



The Simply Silent™ Contour CV range has been designed to offer exceptionally low noise levels, while delivering a constant airflow of extracted air to eliminate humidity, condensation and mould growth in bathrooms, shower rooms, cloakrooms, toilets and kitchens. These fans feature Xpelair's Intelligent Adaptiflow™ Sensing to deliver constant airflow performance through a unique sensor housed within the duct. This sensor calculates and records the airflow of the fan and adapts the fan speed intuitively in accordance with changes in airflow to maintain the required setting.

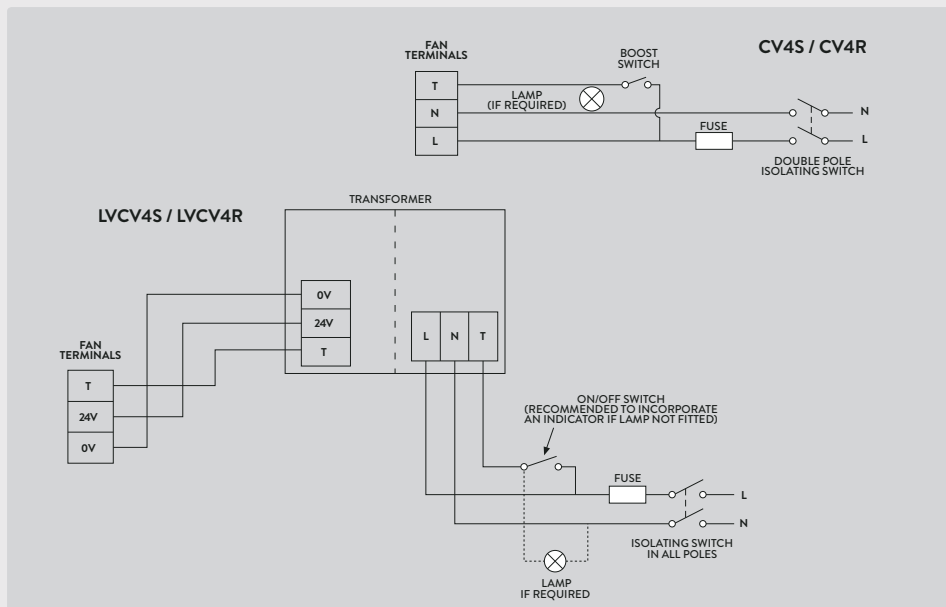
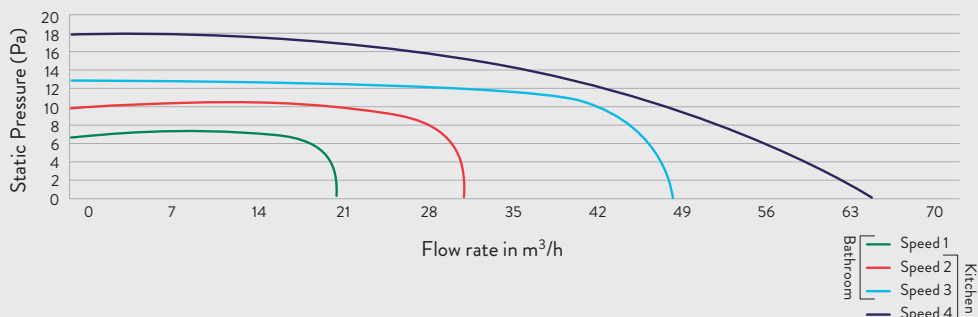
The Contour CV has selectable bathroom and kitchen airflow, with three speeds in each mode.



Product Features	CV4S	CV4R	LVCV4S	LVCV4R
Reference Number	92968AW	92969AW	92970AW	92971AW
Design	■	●	■	●
SELV Transformer			✓	✓
Datalogger	✓	✓	✓	✓
Intelligent Adaptiflow™ Sensing	✓	✓	✓	✓
Timer (adjustable 30s – 30mins)	✓	✓	✓	✓
Humidistat (50 – 90% RH)	✓	✓	✓	✓
DC Motor	✓	✓	✓	✓



Product Selector	CV4		LVCV4	
	Bathroom	Kitchen	Bathroom	Kitchen
Speeds	3	3	3	3
Extract Performance (l/s)	5/8/18	8/13/18	5/8/18	8/13/18
Extract Performance (m³/h)	18/29/65	29/47/65	18/29/65	29/47/65
Electrical Power Rating (W)	1.6/1.9/2.9	1.9/2.3/2.9	2.0/2.3/3.7	2.3/3.1/3.7
Specific Fan Power (SFP) (W/l/s)	0.32/0.24/0.16	0.24/0.18/0.16	0.40/0.29/0.21	0.29/0.24/0.21
IP Rating	IPX4	IPX4	IPX5	IPX5
Sound Pressure Level (dBA@3M)	Max 28	Max 28	Max 28	Max 28
Motor Type	DC	DC	DC	DC



ANCILLARIES

We recommend the Simply Silent™ Wall Adaptor Kit which allows the Contour CV to be fitted into an existing 6"/150mm hole. See ancillaries for further information.

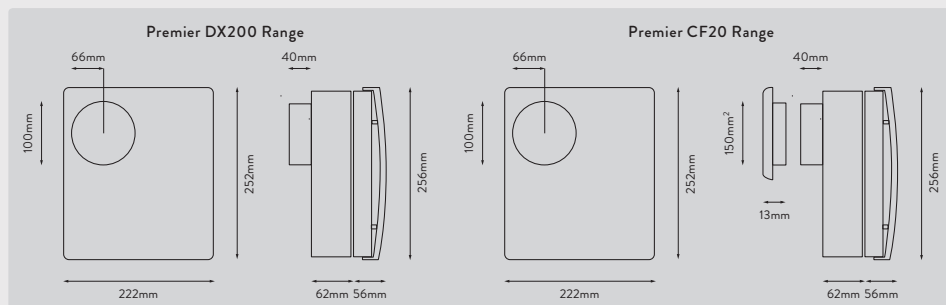


Premier DX200 & CF20

Centrifugal extract and condensation control fans



The Premier range of centrifugal fans is designed specifically for domestic applications including bathrooms, shower rooms, toilets and utility rooms where longer duct runs are required. All models have a gloss white casing with a clean and sleek appearance. A two-part casing means Premier fans can be recess or surface mounted.

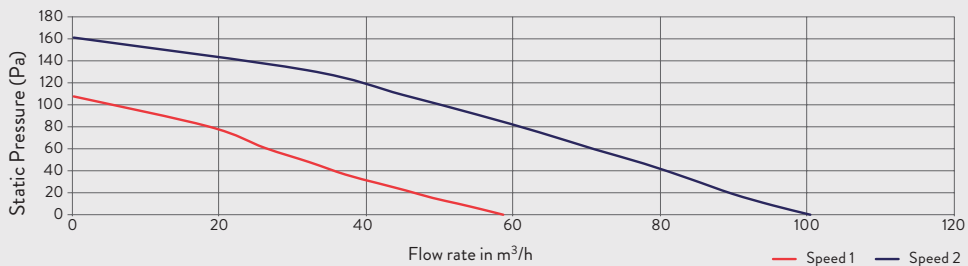


Product Features	DX200	DX200T	CF20	CF20T
Product Codes	91013AW	91014AW	91015AW	91016AW
Condensation Control			✓	✓
Timer (adjustable 30s – 20m)		✓		✓
Humidistat			✓	✓
Quick Visit Timer Delay (2mins)	✓	✓		✓
Room Size Selector	✓		✓	✓

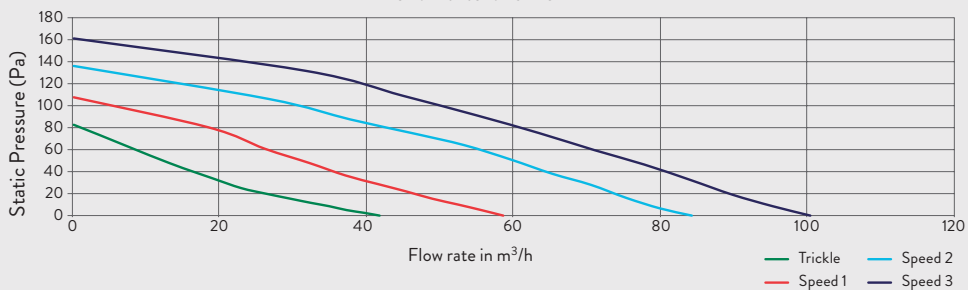


Product Selector		DX200	DX200T	CF20	CF20T
Product Codes		91013AW	91014AW	91015AW	91016AW
Speeds		2	4	4	4
Trickle Ventilation Facility			✓	✓	✓
Boost Ventilation Facility				✓	✓
Electrical Power Rating (W)		14/27	11/14/19/27	11/14/19/27	11/14/19/27
IP Rating		IPX5	IPX5	IPX5	IPX5
Weight (kg)		2.2	2.2	2.2	2.2
Extract Performance (m³/h)	speed 3 speed 2 speed 1 trickle	• 100 59 •	100 84 59 42	100 84 59 42	100 84 59 42
Extract Performance (l/s)	speed 3 speed 2 speed 1 trickle	• 28 17 •	28 24 17 10	28 24 17 10	28 24 17 10
Sound Pressure (dBA@3m)	speed 3 speed 2 speed 1 trickle	• 42 20 •	42 37 20 20	42 37 20 20	42 37 20 20

Performance for DX200



Performance for CF20

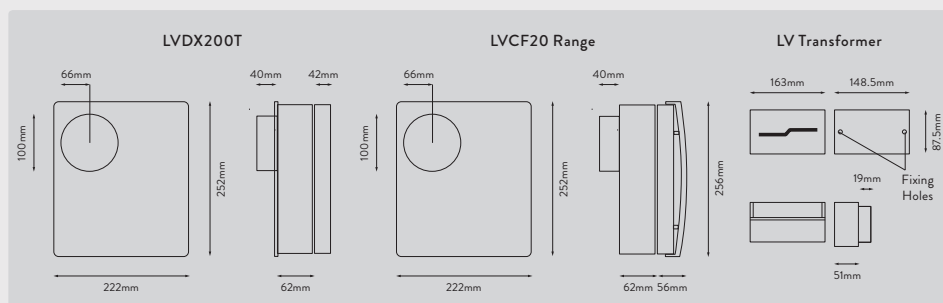


Premier LVDX200T & LVCF20

Safety Extra Low Voltage centrifugal extract and condensation control fans



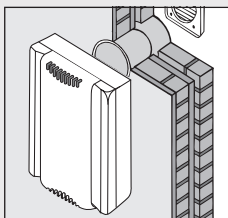
The Safety Extra Low Voltage (SELV) versions of the Premier DX200 and CF20 pressure developing centrifugal fans are ideal for use in shower rooms, bathrooms with showers and other zone 1 and zone 2 wet areas. The SELV system consists of a 12V fan unit which can be safely installed in the spray area of a bath or shower, with the transformer located outside the spray area. Premier SELV fans have the same clean and sleek styling as the rest of the Premier range, with a white gloss body and fascia. They are designed for easy installation in walls, ceilings, windows or ducted installation at any angle and can be surface or recess mounted.



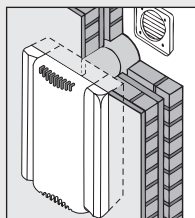
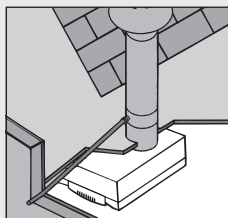
Product Features	LVDX200T	LVCF20	LVCF20T
Reference Number	91040AW	91041AW	91042AW
Condensation Control		✓	✓
Timer (30s – 30mins)	✓		✓
Pullcord (manual override)		✓	✓
Humidistat (50 – 90% RH)		✓	✓
SELV Transformer	✓	✓	✓
Quick Visit Timer Delay	✓		✓
Room Size Selector		✓	✓
Automatic Air Operated Backdraught Shutter	✓	✓	✓
External Grille Included		✓	✓



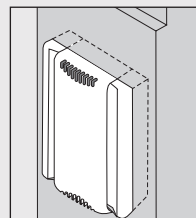
Product Selector		LVDX200T	LVCF20	LVCF20T
Reference Number		91040AW	91041AW	91042AW
Speeds		2	4	4
Trickle Ventilation Facility			✓	✓
Electrical Power Rating (W)		17/22	10/17/22/28	10/17/22/28
Boost Ventilation Facility			✓	✓
IP Rating		IPX5	IPX5	IPX5
Extract Performance (fid, m ³ /h)	speed 3 speed 2 speed 1 trickle	• 99 52 •	91 75 52 33	91 75 52 33
Extract Performance (fid, l/s)	speed 3 speed 2 speed 1 trickle	• 26 15 •	26 21 15 10	26 21 15 10
Sound Pressure (dBA@3m)	speed 3 speed 2 speed 1 trickle	• 41.8 29.4 •	39.2 35.5 29.4 21.7	39.2 35.5 29.4 21.7


Wall Mounting

Hole diameter: 115mm
Ducting size: 100mm


Ducted Applications

Ceiling Mounting

Hole diameter: 115mm
Ducting size: 100mm


Ventilation Shaft Mounting

Hole diameter: 115mm
Ducting size: 100mm

ANCILLARIES

See pages 114-128



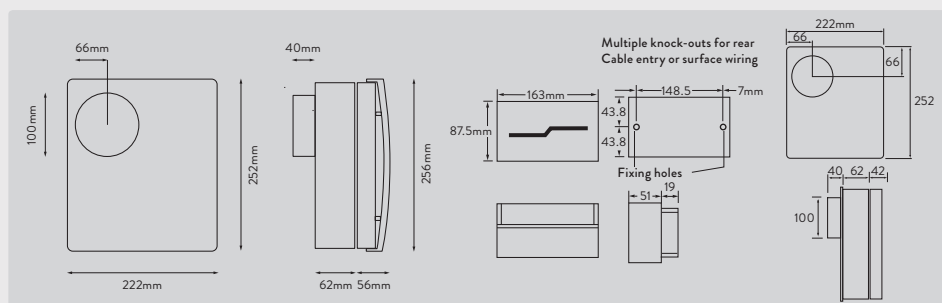
Premier DC2 & DC3

Long-life, energy-saving dMEV centrifugal fans



Premier Ultra DC fans offer substantial energy savings over equivalent AC motor extract fans. Utilising long-life, low-energy use DC motor technology, they give lower whole life cost and help reduce carbon impact on the environment. Both Premier DC2 and DC3 fans are multi-speed and have active response humidity control.

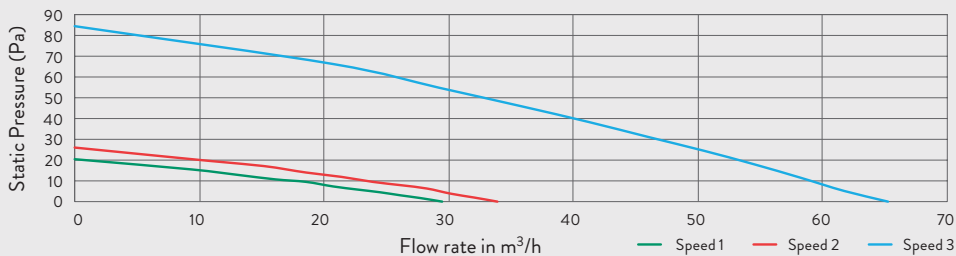
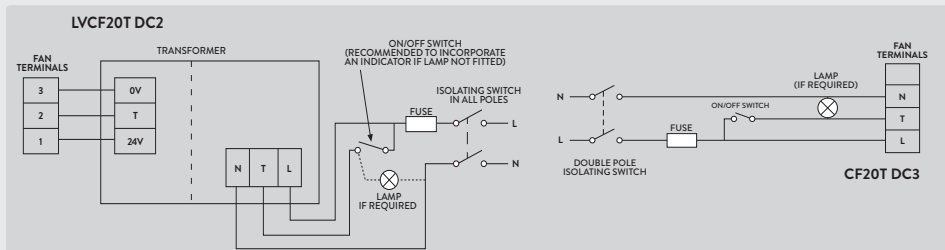
The Premier DC3 model has an integral power supply and so does not require connection to an external SELV transformer.



Product Features	LVCF20T DC2	CF20T DC3
Reference Number	92335AW	92576AW
Timer (adjustable)	✓	✓
Humidistat	✓	✓
Active Response Humidity Control	✓	✓
SELV Transformer	✓	
Integral Power Supply		✓
Quick Visit Timer Delay	✓	✓
Trickle Ventilation Facility	✓	✓



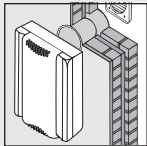
Product Selector	LVCF20T DC2	CF20T DC3
Reference Number	92335AW	92576AW
Extract Performance (m ³ /h)	29/34/65	29/34/65
Extract Performance (l/s)	8/10/18	8/10/18
Sound Pressure Level (dBA@3m)	20/20/32	20/20/32
Electrical Power Rating (W)	2.2/2.5/6	2.2/2.5/6
Specific Fan Power (maximum w/l/s)	0.27/0.26/0.33	0.27/0.26/0.33
IP Rating	IPX5	IPX5
Weight (kg)	1.8	1.8
Transformer	✓	



Speed 1											
Static Pressure (Pa)	0	1.7	3	4.5	5.8	7.3	9.5	10.7	12.8	15.5	20.4
Flow Rate in m ³ /h	29.00	28.00	26.00	25.00	23.00	21.00	19.00	16.00	13.00	9.00	0.00

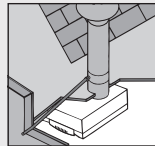
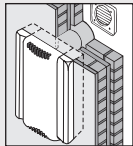
Speed 2											
Static Pressure (Pa)	0	2	3.8	6.3	7.9	9.5	11.9	14	17.1	19.6	26
Flow Rate in m ³ /h	34.00	32.00	30.00	28.00	26.00	24.00	21.00	19.00	15.00	11.00	0.00

Speed 3											
Static Pressure (Pa)	0	5.1	11.5	18	24.5	31	38.3	46	54.8	66.2	88.4
Flow Rate in m ³ /h	65.00	62.00	58.00	55.00	51.00	46.00	41.00	36.00	28.00	21.00	0.00



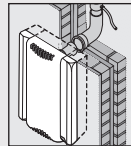
Wall Mounting

Hole diameter: 115mm
Ducting size: 100mm

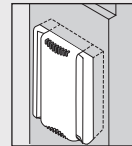


Ceiling Mounting

Hole diameter: 115mm
Ducting size: 100mm



Ducted Applications



Ventilation Shaft Mounting

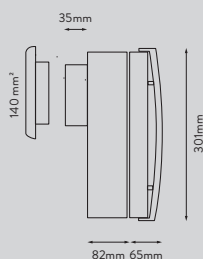
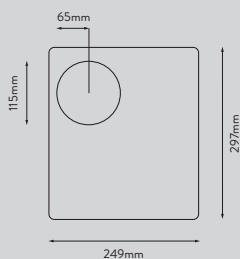
Hole diameter: 115mm
Ducting size: 100mm

Premier DX400 & CF40

Centrifugal extract and condensation control fans



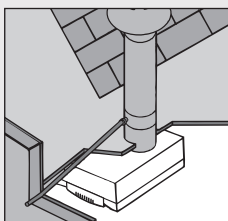
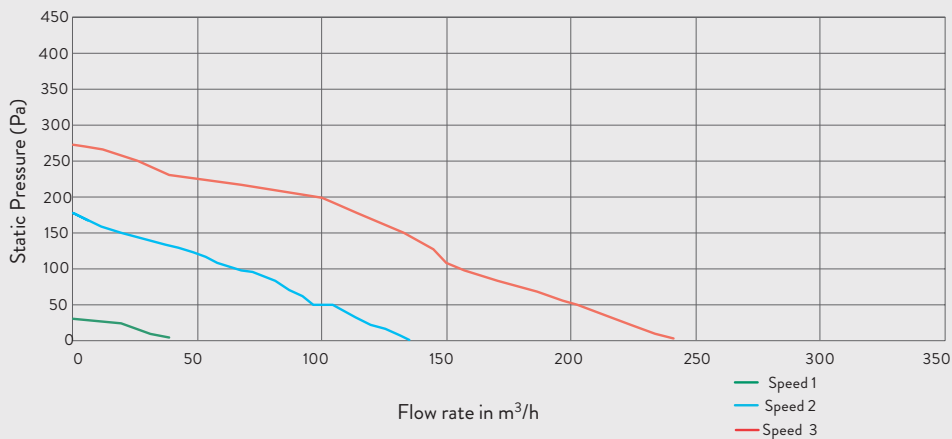
The Premier range of centrifugal fans is designed specifically for domestic applications including bathrooms, shower rooms, toilets and utility rooms where longer duct runs are required. All models have a gloss white casing with a clean and sleek appearance. A two-part casing means Premier fans can be recess or surface mounted.



Product Features	DX400	DX400T	DX400PC	CF40	CF40TD	CF40RSTD
Product Codes	91083AW	91084AW	91100AW	91086AW	91087AW	91088AW
Condensation Control			✓	✓	✓	✓
Timer (adjustable 30s – 20m)		✓		✓		
Pullcord (manual override)			✓			
Humidistat			✓	✓	✓	✓
Quick Visit Timer Delay (2mins)	✓	✓		✓		
Room Size Selector	✓		✓	✓		

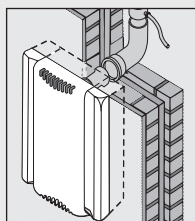


Product Selector		DX400	DX400T	DX400PC	CF40	CF40TD	CF40RSTD
Product Codes		91083AW	90184AW	91100AW	91086AW	91087AW	91077AW
Speeds		2	3	3	5	5	5
Trickle Ventilation Facility			✓	✓	✓	✓	✓
Electrical Power Rating (W)		78	78	78	77	77	77
IP Rating		IPX5	IPX5	IPX5	IPX5	IPX5	IPX5
Weight (kg)		3	3	3	3	3	3
Extract Performance (m³/h)	speed 4	-	-	-	250	250	250
	speed 3	-	-	-	174	174	174
	speed 2	238	238	238	143	143	143
	speed 1	136	136	136	90	90	90
	trickle	-	43	43	61	61	61
Extract Performance (l/s)	speed 4	-	-	-	69	69	69
	speed 3	-	-	-	48	48	48
	speed 2	66	66	66	40	40	40
	speed 1	38	38	38	25	25	25
	trickle	-	12	12	17	17	17
Sound Pressure (dBA@3m)	speed 4	-	-	-	55	55	55
	speed 3	-	-	-	46	46	46
	speed 2	55	55	55	40	40	40
	speed 1	42	42	42	33	33	33
	trickle	-	27	27	27	27	27

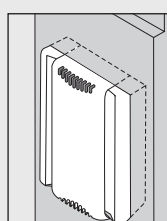


Ceiling Mounting

Hole diameter: 115mm
Ducting size: 100mm

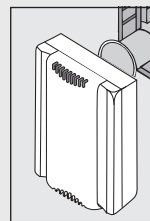


Ducted Applications



Ventilation Shaft Mounting

Hole diameter: 115mm
Ducting size: 100mm



Wall Mounting

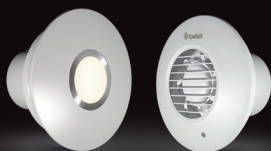
Hole diameter: 115mm
Ducting size: 100mm

ANCILLARIES

See pages 114-128

Simply Silent™ Shower Fans

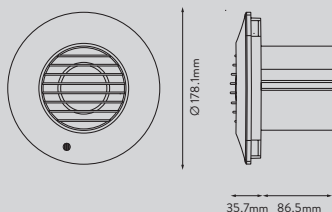
4"/100mm near-silent axial extract fan and installation kit



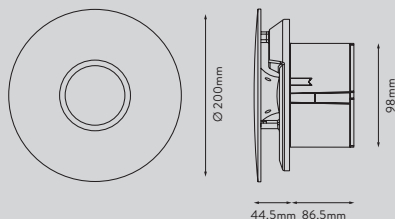
Combining low noise levels with high extraction power, Simply Silent™ Shower Fans are purpose-designed for in-shower installation. They carry out direct extraction right at the point of humidity for a steam-free bathroom environment. In fact, an installed Simply Silent™ Shower Fan achieves an 88% improved extraction rate over comparable in-line shower fans and meets building regulations at installed performance.



Shower Fan Complete



Illumi Shower Fan Complete

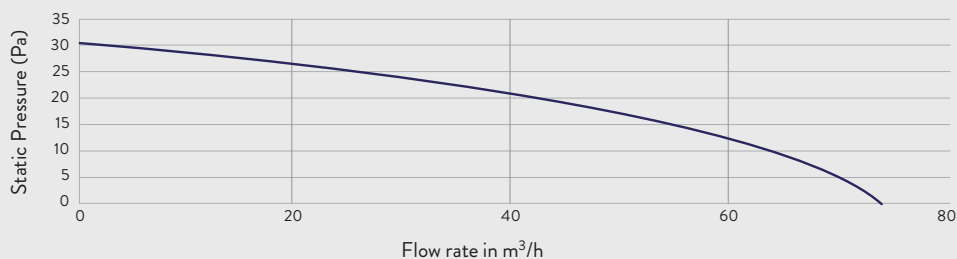


Product Features	Shower Fan Complete	Illumi Shower Fan Complete
Reference Number	93086AW	93087AW
Design	●	●
Timer	✓	✓
Grille Cover	✓	
Baffle Cover		✓
Integrated LED Light		✓
SELV Transformer		✓
Ceiling Fitting Kit Supplied	✓	✓

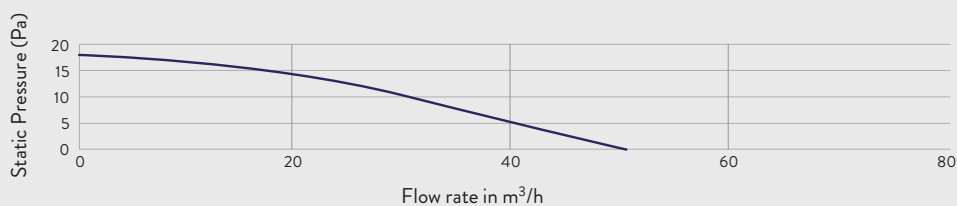


Product Selector	Shower Fan Complete	Illumi Shower Fan Complete
Reference Number	93086AW	93087AW
Speeds	1	1
Electrical Power Rating (W)	7.7	12.2 (Fan only) 15 (Fan & Light)
Extract Performance (l/s)	21 (15 installed)	21 (15 installed)
Extract Performance (m³/h)	76 (54 installed)	76 (54 installed)
Specific Fan Power (SFP) (W/l/s)	0.37	0.58
Sound Pressure Level (dBA(@3m))	34	29
IP Rating	IPX4	IPX4
LED Type		Warm White
Lumens		207

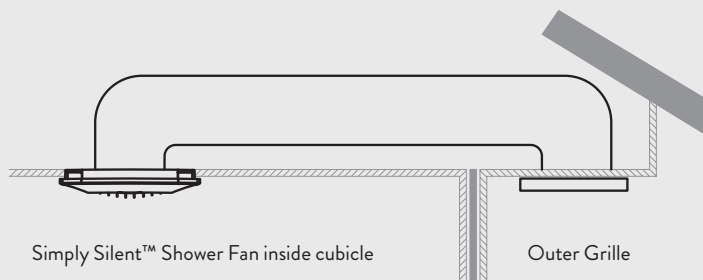
Shower fan + Illumi shower fan FID



Shower fan + Illumi fan (installed with 3m duct)



Shower Fan + Illumi Shower Fan (installed)	
Static Pressure (Pa)	Flow rate in m³/h
0	51.09
1.4	47.95
2.9	45.22
4.8	42.31
6	39.19
7.8	35.79
9	32.04
12.1	27.77
14	22.71
16.6	16.11
18.4	0.00

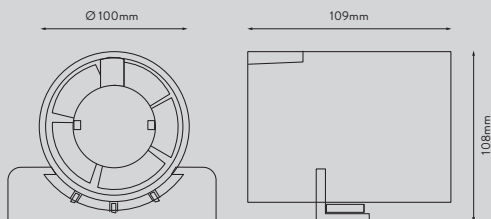


XIL & XXS

Inline axial extract fan systems for shower cubicles



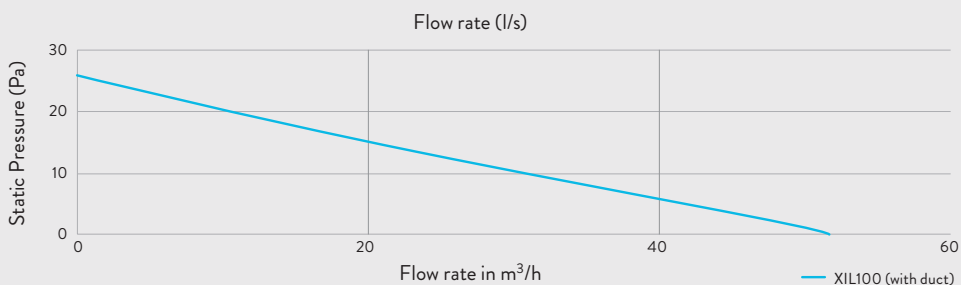
XIL100 fan systems contain all the components necessary for a normal installation. Including the inline fan, 3m of flexible duct, worm drive clips, inline backdraught shutter, internal white ceiling grille and outside soffit/wall grille. XXS100 fans are available on their own. Humid or moist air will be ducted away via a neat grille installed directly over the shower to the external grille outside, typically in the soffit.



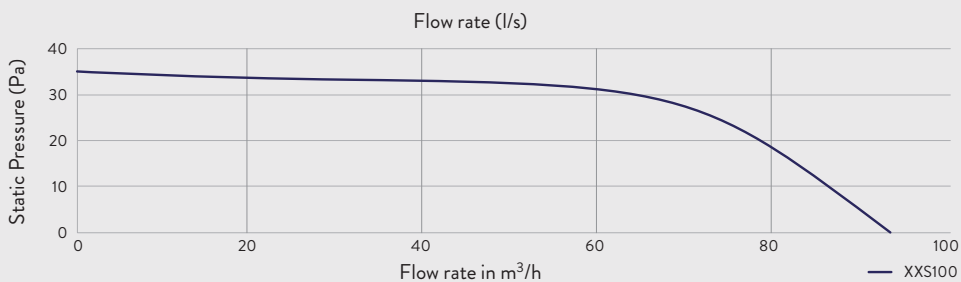
Product Features	XIL100	XIL100T	XXS100	XXS100T
Reference Number	90329AW	90330AW	90331AW	90332AW
Standard	✓		✓	
Timer (adjustable 2 – 20mins)		✓		✓
Shower Fan System Kits	✓	✓		
Fan Only			✓	✓



Product Selector	XIL100	XIL100T	XXS100	XXS100T
Reference Number	90329AW	90330AW	90331AW	90332AW
Electrical Power Rating (W)	29	29	29	29
Extract Performance (fid, m ³ /h)	93	93	93	93
Extract Performance (fid, l/s)	26	26	26	26
Sound Pressure Level (dBA@3m)	30	30	33	33
Duct Diameter (mm)	100	100	100	100
Hole Diameter (mm)	115	115	115	115
IP Rating	IPX2	IPX2	IPX2	IPX2
Weight (kg)	0.9	0.9	0.8	0.8



Product	XIL100										
Static Pressure (Pa)	0	2	3.8	5.6	6.2	7.7	10.1	11.7	13	14.1	25.7
Flow Rate in m ³ /h	52.16	49.49	46.67	43.67	40.45	36.94	33.07	28.66	23.44	16.62	0.00

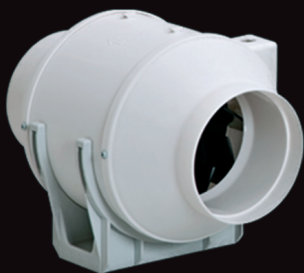


Product	XXS100									
Static Pressure (Pa)	0	8.8	15.5	20.3	27.2	32	33.5	33.8	32.5	34.5
Flow Rate in m ³ /h	93.24	87.28	82.35	77.09	71.43	65.28	58.48	50.74	41.56	0.00



XIMX

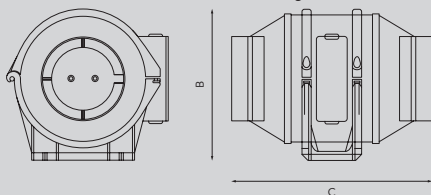
Inline mixed flow extract fans for domestic ducted applications



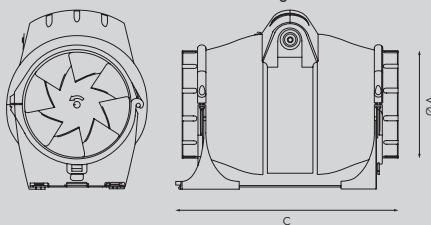
Available in four sizes, the Xpelair XIMX range of plastic mixed flow inline units offers duties for a wide range of ducted applications. The timer models have an adjustable overrun timer of 2 – 30 minutes. All models come complete with a convenient mounting cradle which makes installation or subsequent inspection simple. Plus, the terminal box is easily accessible, simplifying the electrical connection.



XIMX100/100+125 Range



XIMX150/200 Range



Dimensions (mm)

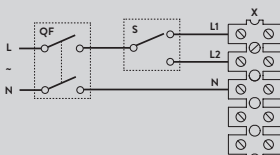
Model	ØA	B	C
XIMX100	96	190	246
XIMX100T	96	190	246
XIMX100+	97	226	302.5
XIMX100+T	97	226	302.5
XIMX125	123	190	246
XIMX150	146	250	295
XIMX150T	146	250	295
XIMX200	199	261	295.5

Product Features	XIMX100	XIMX100T	XIMX100+	XIMX100+T	XIMX125	XIMX150	XIMX150T	XIMX200
Reference Number	93078AW	93079AW	93080AW	93081AW	93082AW	93083AW	93084AW	93085AW
Standard	✓		✓		✓	✓		✓
Timer (adjustable 2 – 30mins)		✓		✓			✓	
Integral Mounting Cradle	✓	✓	✓	✓	✓	✓	✓	✓



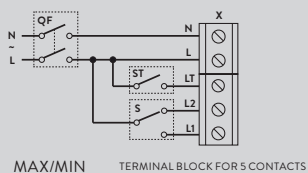
Product Selector	XIMX100	XIMX100T	XIMX100+	XIMX100+T	XIMX125	XIMX150	XIMX150T	XIMX200
Reference Number	93078AW	93079AW	93080AW	93081AW	93082AW	93083AW	93084AW	93085AW
Speeds	2	2	2	2	2	2	2	2
Extract Performance (m ³ /h)	187/145	187/145	245/180	245/180	280/220	520/405	520/405	1040/830
Extract Performance (l/s)	52/40	52/40	68/50	68/50	78/61	144/113	144/133	289/231
Sound Pressure (dBA@3m)	36/27	36/27	32/27	32/27	37/28	44/33	44/33	52/45
Adjustable Timer		2 – 30 mins		2 – 30 mins			2 – 30 mins	
Duct Size (mm)	100	100	100	100	125	150	150	200
IP Rating	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4

XIMX100+



MAX/MIN

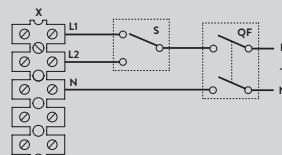
XIMX100+T



MAX/MIN

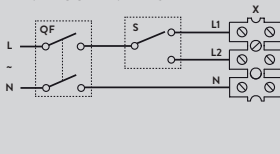
TERMINAL BLOCK FOR 5 CONTACTS

XIMX200



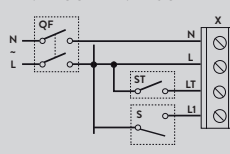
MAX/MIN

XIMX100/XIMX125



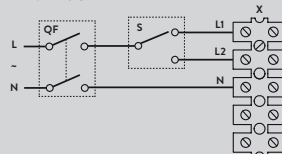
MAX/MIN

XIMX100T/XIMX150T



MAX/MIN

XIMX150

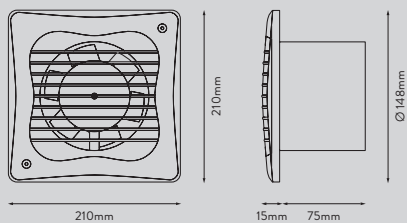


MAX/MIN



VX150**6"/150mm axial extract fans**

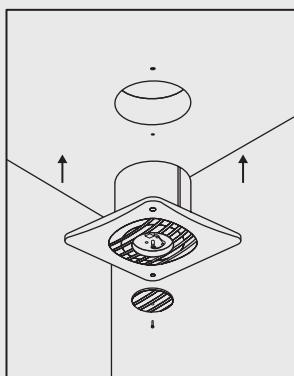
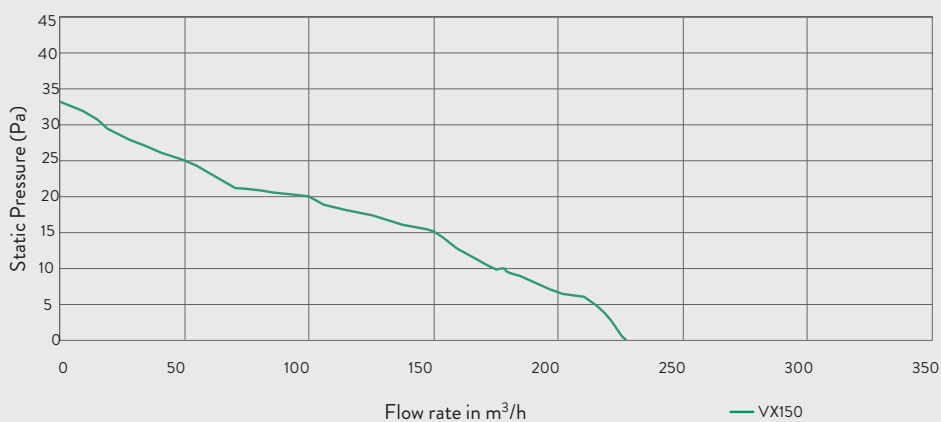
A range of easy to install single speed extract fans. Particularly suitable for larger bathrooms, utility rooms and kitchens. Can be wall or ceiling fitted and is available in standard and timer variants.



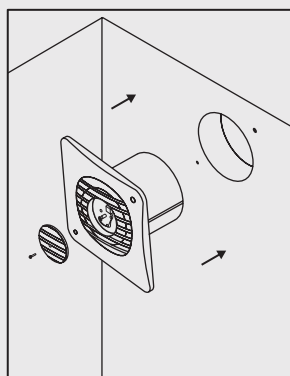
Models	VX150	VX150T
Reference Number	93226AW	93227AW
Standard	✓	
Timer		✓
Safety Finger Guard	✓	✓



Product Selector	VX150	VX150T
Reference Number	93226AW	93227AW
Extract Performance (l/s)	62	62
Extract Performance (m³/h)	221	221
Electrical Power Rating (W)	25	25
Specific Fan Power (SFP) (W/l/s)	0.41	0.41
IP Rating	IPX4	IPX4
Integral Timer (adjustable 30s - 30m)		✓
Motor Type	AC	AC



Ceiling Installation



Wall Installation

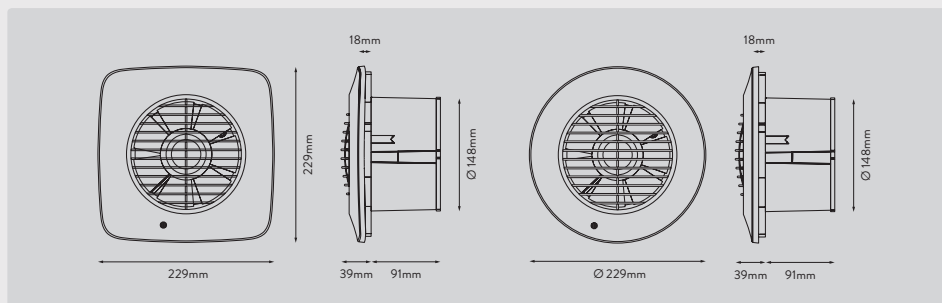


Simply Silent™ DX150

6"/150mm axial extract fan range



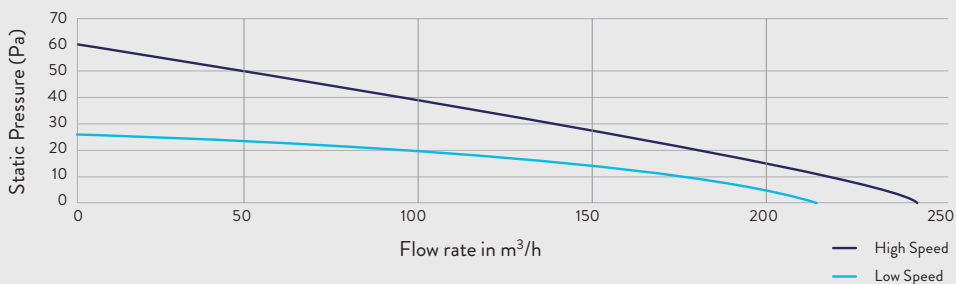
The Simply Silent™ DX150 intermittent extract fan range is designed for those looking for something conventional, with a modern twist. These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. Suitable for both wall and ceiling fitting. The DX150 range has two speeds, selectable at install.



Product Features	DX150S	DX150TS	DX150PS	DX150HTS	DX150R	DX150TR	DX150PR	DX150HTR
Reference Number	93070AW	93072AW	93074AW	93076AW	93071AW	93073AW	93075AW	93077AW
Design	■	■	■	■	●	●	●	●
Standard	✓				✓			
Timer (adjustable 30s – 30mins)		✓		✓		✓		✓
Pullcord			✓				✓	
Humidistat				✓				✓
Backdraught Shutter	✓	✓	✓	✓	✓	✓	✓	✓

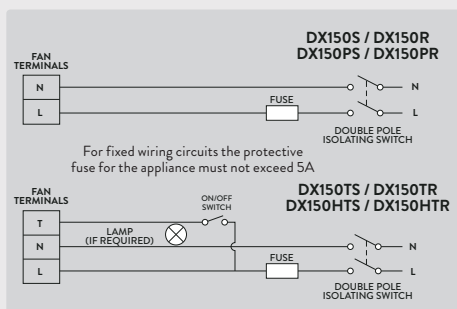


Product Selector	DX150
Speeds	2
Extract Performance (l/s)	60/67
Extract Performance (m³/h)	214/241
Electrical Power Rating (W)	15/22.6
Specific Fan Power (SFP) (W/l/s)	0.25/0.34
Sound Pressure Level (dBA@3m)	39/42
IP Rating	IPX4



Low Speed	
Static Pressure (Pa)	Flow rate in m³/h
0	213.66
2.6	203.27
5.4	191.70
8	179.38
11.5	166.15
13.6	151.76
16.3	135.85
18.3	117.79
20.2	96.36
21.3	68.40
25.3	0.00

High Speed	
Static Pressure (Pa)	Flow rate in m³/h
0	241.10
5.5	228.76
9.8	215.72
14.5	201.85
18.3	186.94
22	170.74
25.1	152.82
29.3	132.49
35	108.37
42.2	76.90
59.6	0.00



ANCILLARIES

We recommend the Inside Fit External Wall Kit to allow fuss-free fitting from the inside. See ancillaries for further information.



Fold the outer grille.



Push through the wall tube.



Open up the outer grille.



Pull back on the string to secure to the outside wall.



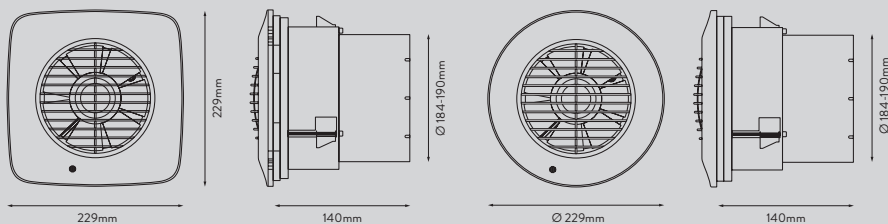
Simply Silent™ GX150

6"/150mm axial extract fan designed for window installation from the inside

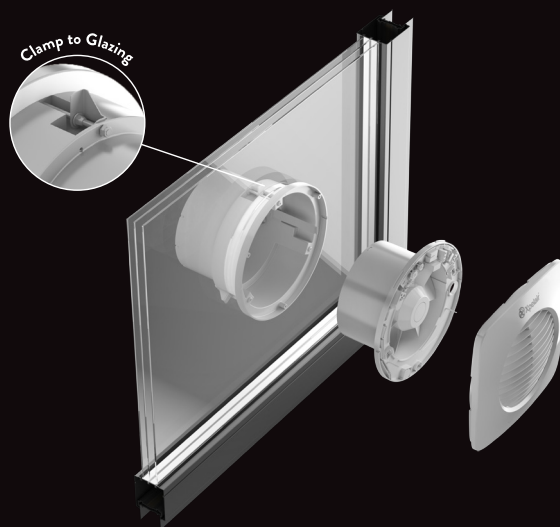


The GX150 delivers all the benefits of the DX150, like contemporary styling and Ghost™ Air Movement Technology, yet it's designed to be effortlessly fitted into a window. It comes complete with a window kit, and once the 184mm diameter hole has been cut into the window, the GX150 can simply be installed from the inside using only three screws.

Purpose designed for kitchens, utility rooms and bathrooms, this 6"/150mm intermittent extract fan also features a powered, integral thermo-electric-shutter mechanism, to protect against draughts and heat loss. The GX150 range has two speeds, selectable at install.



Product Features	GX150S	GX150PS	GX150R	GX150PR
Reference Number	93195AW	93222AW	93196AW	93223AW
Design	■	■	●	●
Standard	✓		✓	
Pullcord		✓		✓
Window Installation Kit included	✓	✓	✓	✓

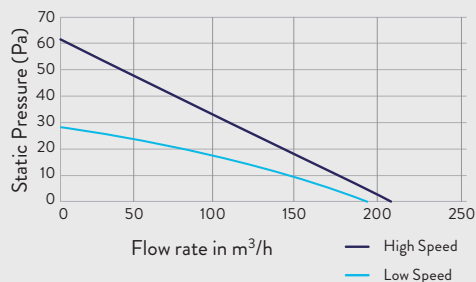


Domestic

Product Selector	GX150
Speeds	2
Extract Performance (l/s)	53/60
Extract Performance (m³/h)	190/215
Electrical Power Rating (W)	18.5/25.5
Specific Fan Power (W/l/s)	0.35/0.43
Sound Pressure Level (dBA@3m)	40/42
IP Rating	IPX4
Motor Type	AC

Low Speed	
Static Pressure (Pa)	Flow rate in m³/h
0	190.44
2.6	180.12
5.8	169.87
8.7	158.97
12.2	147.25
15	134.52
17.8	120.42
19.4	104.42
21.8	85.44
23.4	60.66
27.6	0.00

High Speed	
Static Pressure (Pa)	Flow rate in m³/h
4.2	201.07
8.5	189.63
12.4	177.44
16.9	164.36
20.6	150.13
24.5	134.39
30.3	116.53
36.7	95.33
44.2	67.67
61.5	0.00

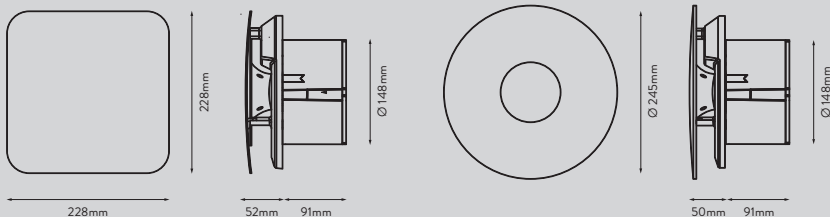


Simply Silent™ Contour C6

6"/150mm axial extract fan range



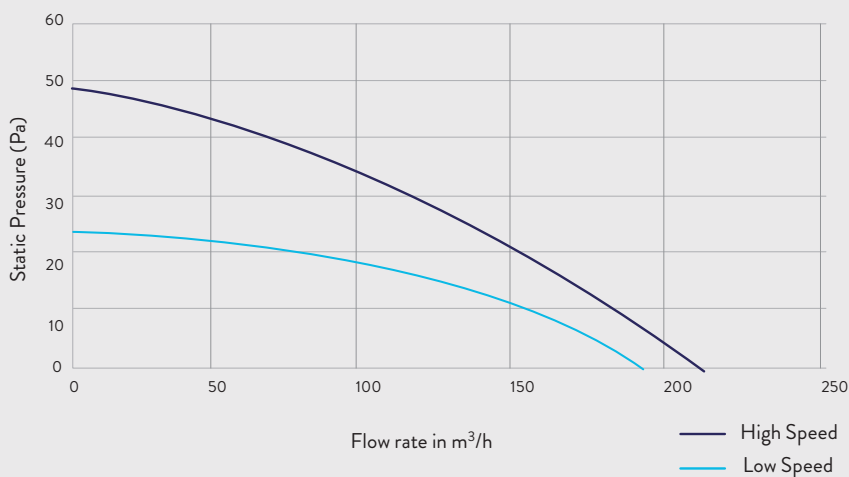
The Simply Silent™ Contour C6 intermittent extract fan range has been designed to blend seamlessly with the surrounding décor. These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. The Contour 6 range has two speeds, selectable at install.



Product Features	C6S	C6TS	C6PS	C6HTS	C6R	C6TR	C6PR	C6HTR
Reference Number	93170AW	93172AW	93174AW	93176AW	93171AW	93173AW	93175AW	93177AW
Design	■	■	■	■	●	●	●	●
Standard	✓				✓			
Timer		✓		✓		✓		✓
Pullcord			✓				✓	
Humidistat				✓				✓
Backdraught Shutter	✓	✓	✓	✓	✓	✓	✓	✓

Product Selector	C6
Speeds	2
Extract Performance (l/s)	54/61
Extract Performance (m ³ /h)	194/217
Electrical Power Rating (W)	15/22
Specific Fan Power (W/l/s)	0.28/0.36
Sound Pressure Level (dBA@3m)	41/44
IP Rating	IPX4

Domestic



Low Speed	
Static Pressure (Pa)	Flow rate in m ³ /h
0	193.46
3.2	182.99
5.8	172.59
9.2	161.51
12.2	149.60
14.2	136.66
16.3	122.34
17.8	106.08
19.4	86.79
21.6	61.62
23.5	0.00

High Speed	
Static Pressure (Pa)	Flow rate in m ³ /h
0	218.32
4.2	208.20
9.2	196.35
13	183.73
16.3	170.17
19.8	155.44
23.9	139.14
29.5	120.64
35.8	98.68
42.2	70.05
48.6	0.00

ANCILLARIES

We recommend the 150mm Inside Fit External Wall Grille to allow fuss-free fitting from the inside. See ancillaries for further information.

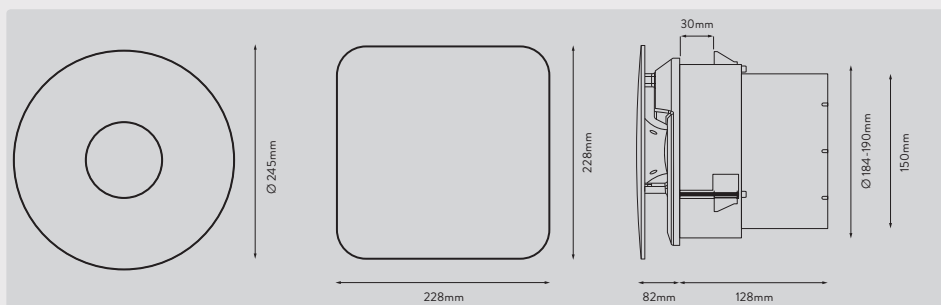
Simply Silent™ G6

6"/150mm axial extract fans with window-fitting kit

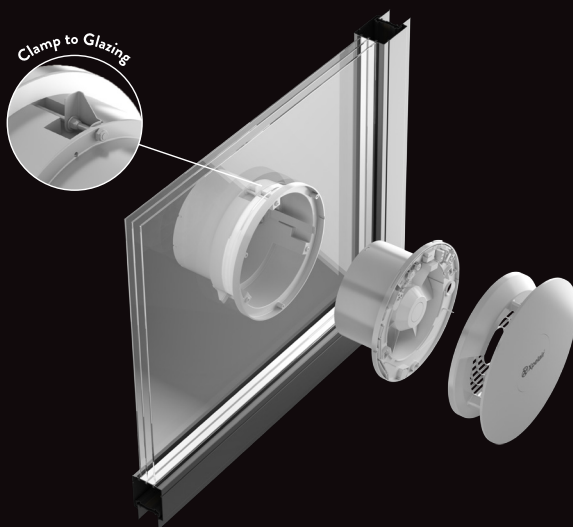


The Simply Silent™ G6 intermittent extract fan range has been designed to blend seamlessly with the surrounding décor. It comes complete with a window kit, and once the 184mm diameter hole has been cut into the window, the G6 can simply be installed from the inside using only three screws.

These fans control humidity, odours and mould growth effectively in kitchens, utility rooms, larger bathrooms and individual offices. Discover the beauty of silence. Available in square or round, the sleek, smooth, interchangeable fascia will suit all applications and design preferences. You won't even know it's there. The G6 range has two speeds, selectable at install.



Product Features	G6S	G6R
Reference Number	93193AW	93194AW
Design	■	●
Electronic Backdraught Shutter	✓	✓
Window Installation Kit included	✓	✓

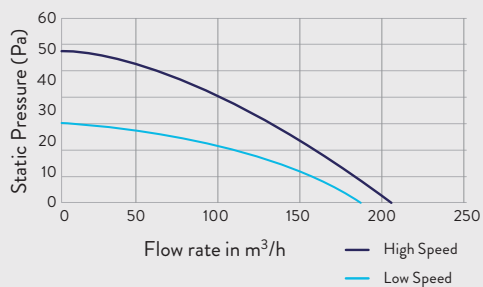


Domestic

Product Selector	G6
Speed	2
Extract Performance (l/s)	54/61
Extract Performance (m ³ /h)	186/203
Electrical Power Rating (W)	18.3/25.3
Specific Fan Power (SFP) (W/l/s)	0.34/0.42
Sound Pressure Level (dBA@3m)	42/45
IP Rating	IPX4

Low Speed	
Static Pressure (Pa)	Flow rate in m ³ /h
0	186.12
2.4	178.10
5.3	167.97
8	157.18
10.2	145.60
12.8	133.00
15.9	119.07
18	103.25
19.3	84.47
22.2	59.98
25.6	0.00

High Speed	
Static Pressure (Pa)	Flow rate in m ³ /h
0	203.06
4	192.69
8	181.73
11.9	170.06
15.5	157.52
19.8	143.89
25.3	128.81
30.9	111.69
36.5	91.38
43.2	64.87
49.3	0.00

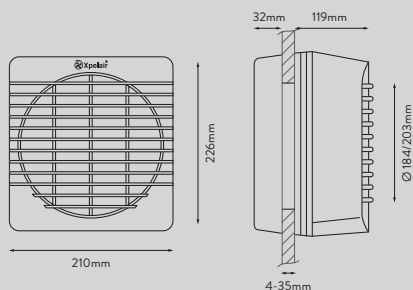


GX6 & GXC6

High performance extract fans



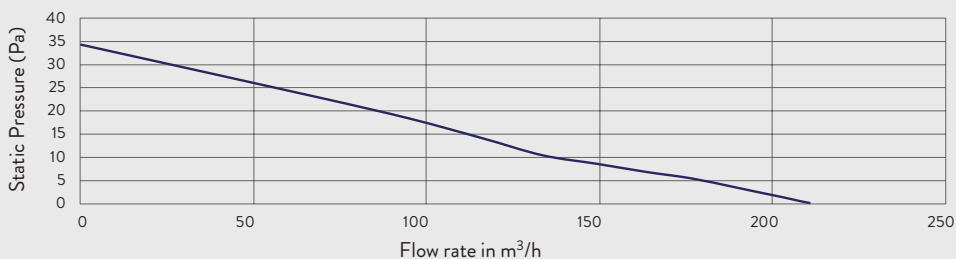
Xpelair GX models are purpose designed for use in kitchens and utility rooms and can be window or panel mounted as supplied, or wall mounted using an optional wall kit. GXC models have an integral pullcord actuator. Timer and humidistat versions are also available, along with multi-speed models, plus a trickle ventilation facility is available for background ventilation when not in use.



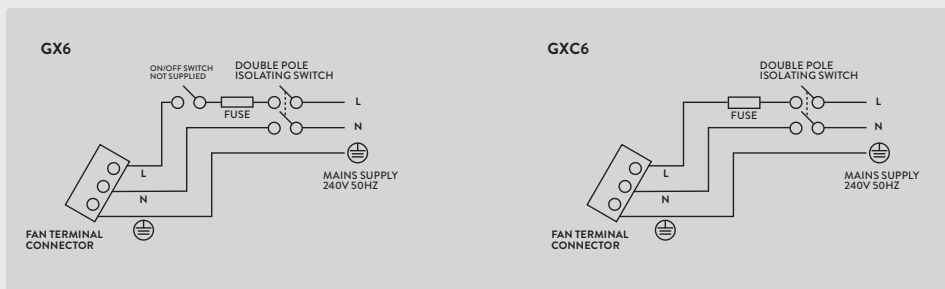
Product Features	GX6	GX6T	GX6HT	GX6HT2	GXC6	GXC6T
Reference Number	90800AW	90812AW	90814AW	90863AW	90850AW	90861AW
Standard	✓					
Timer (adjustable 20 – 30mins)		✓		✓		✓
Pullcord					✓	✓
Humidistat (50-90% RH)			✓	✓		
Reversible Intake/Extract				✓		
Silent Electro-thermal Shutter	✓	✓	✓	✓		
Safety Finger Guard	✓	✓	✓	✓	✓	✓
Window Kit Supplied	✓	✓	✓	✓	✓	✓



Product Selector	GX6	GX6T	GX6HT	GX6HT2	GXC6	GXC6T
Reference Number	90800AW	90812AW	90814AW	90863AW	90850AW	90861AW
Speeds	1	1	1	2	1	1
Electrical Power Rating (W)	29	29	29	29	27	27
Hole Diameter (mm)	184	184	184	184	184	184
Hole Diameter with Wall Liner (mm)	203	203	203	203	203	203
Weight (kg)	1.9	1.9	1.9	1.9	1.9	1.9
Extract Performance (m³/h)	222	222	222	213/222	222	222
Extract Performance (l/s)	62	62	62	60/62	62	62
Sound Pressure Level (dBA@3m)	37	37	37	34/37	37	37



Product											
Static Pressure (Pa)	0	1.5	3.3	5.2	6.6	8.4	10.3	14.1	18.5	23.3	34.8
Flow Rate in m³/h	211.09	200.18	188.96	176.69	163.86	149.54	133.69	116.17	94.82	67.75	0

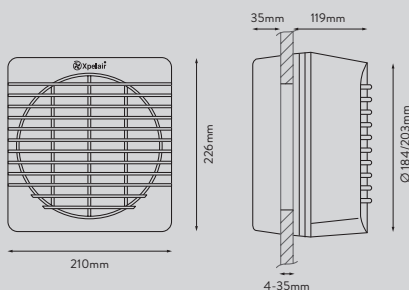


GX6 EC3 & GX6 EC3 RF

High performance extract fans with EC motors



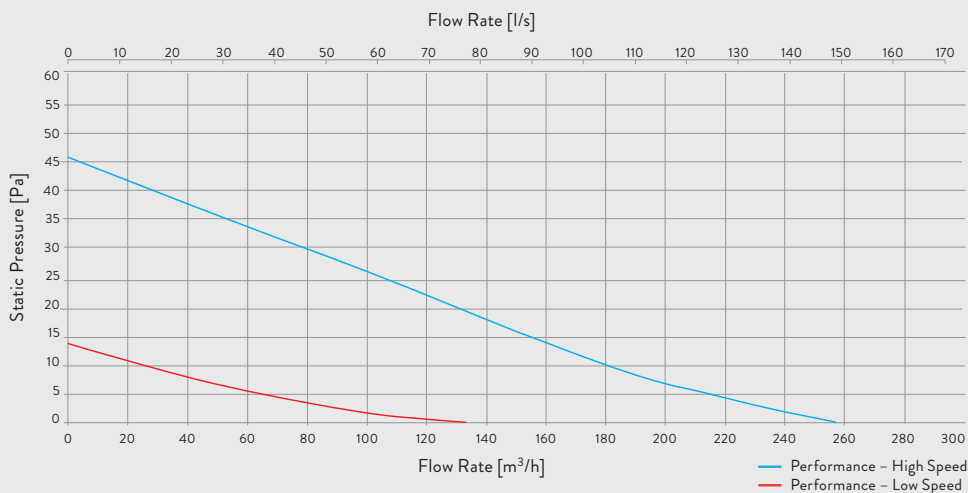
GX EC3 range of 6" axial fans incorporate long-life, energy-efficient Ultra EC motor technology and feature installable selectable speed settings to satisfy Part F1 installed performances for intermittent ventilation in kitchens or utility rooms. The range includes a single speed extract/intake model and radio frequency (RF) controlled models using innovative wireless RF control technology. Controllers offer a wireless and battery-less control solution using only kinetic energy to generate and send control signals to single or multiple RF fans. This control option reduces installation time and cost as there is no need to run cables between the fan and the controller or purchase batteries.



Product Features	GX6 EC3	GXC6 EC3	GX6 EC3R	GX6 EC3 RF	GX6 EC3R RF
Reference Number	92755AW	92756AW	92728AW	92731AW	92732AW
Standard	✓		✓	✓	✓
Pullcord		✓			
Reversible Intake/Extract			✓		✓
Silent Electro-thermal Shutter	✓		✓	✓	✓
RF Controllable				✓	✓
Double Insulated	✓	✓	✓		
Safety Finger Guard	✓	✓	✓	✓	✓
Window Kit Supplied	✓	✓	✓	✓	✓

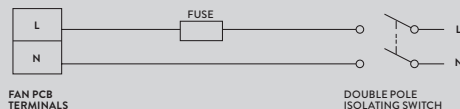


Product Selector	GX6 EC3	GXC6 EC3	GX6 EC3R	GX6 EC3 RF	GX6 EC3R RF
Reference Number	92755AW	92756AW	92728AW	92731AW	92732AW
Speeds	2	2	1	2	2
Extract Performance (m ³ /h)	134/255	134/255	Extract 255 Intake 134	134/255	134/255
Extract Performance (l/s)	38/71	38/71	71	38/71	38/71
Electric Power Rating (W)	5.6/9.4	5.6/9.4	9.4	5.6/9.4	5.6/9.4
Weight (kg)	1.9	1.9	1.9	1.9	1.9
Sound Pressure Level (dBA@3m)	30.3	30.3	30.3	30.3	30.3
Specific Fan Power (W/l/s)	0.15/0.14	0.15/0.14	0.14	0.15/0.14	0.15/0.14
Hole Diameter in Window (mm)	184	184	184	184	184
Hole Diameter using Wall Kit (mm)	203	203	203	203	203



Product	Low speed										
Static Pressure (Pa)	0	0.4	0.8	1.6	2.2	2.8	3.7	4.9	6.8	8.5	13.7
Flow Rate in m³/h	134	127	120	112	104	95	85	74	60	43	0

Product	High speed										
Static Pressure (Pa)	0	1.5	2.7	4.9	7.3	9.5	13.1	17.5	23.3	30.3	46.3
Flow Rate in m³/h	255	242	228	214	198	181	162	140	115	81	0.00

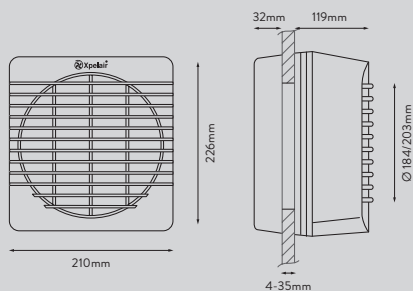


GX6 & GXC6 CSA 120V 60Hz & 120V 50/60Hz

High performance extract fans



Xpelair GX models are purpose designed for use in kitchens and utility rooms and can be window or panel mounted as supplied, or wall mounted using an optional wall kit. GXC models have an integral pullcord actuator.

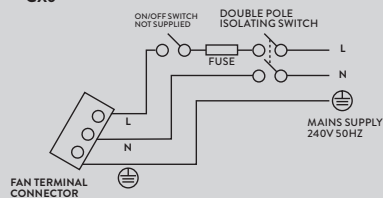


Product Features	GX6 CSA	GXC6 CSA	GX6 120V 50/60Hz
Reference Number	90801AW	90851AW	90806AW
Standard	✓		✓
Pullcord		✓	
Silent Electro-thermal Shutter	✓		✓
Safety Finger Guard	✓	✓	✓
Window Kit Supplied	✓	✓	✓

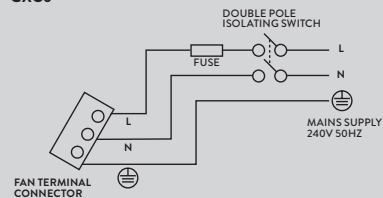


Product Selector	GX6 CSA	GXC6 CSA	GX6 120V 50/60Hz
Reference Number	90801AW	90851AW	90806AW
Speeds	1	1	1
Electrical Power Rating (W)	23.1	19.9	23.1
Hole Diameter (mm)	184	184	184
Hole Diameter with Wall Liner (mm)	203	203	203
Weight (kg)	1.9	1.9	1.9
Extract Performance (m ³ /h)	261	265	261
Extract Performance (l/s)	73	74	73
Sound Pressure Level (dBA@3m)	37	37	37

GX6



GXC6







Commercial Ventilation Solutions

Models	Ventilation Type	Axial	Centrifugal	Page Number
XPE200 & XPE250	Commercial ceiling-mounted fans		✓	54
CX10 & CMF	Commercial ceiling-mounted fans	✓	✓	56
GX9 & GX12	Commercial AC window fans	✓		58
GX9 & GX12 EC3 & EC3 RF	Commercial EC long-life, low-energy axial fans	✓		60
GX9 & GX12 CSA 120V 60Hz & 120V 50/60Hz	CSA approved & 120V 50/60Hz commercial AC window fans	✓		62
PX6, PX9 & PX12	Commercial panel fans	✓		64
RX6, RX9 & RX12	Commercial roof fans	✓		66
WX6, WX9 & WX12	Commercial wall fans with 'safe lock' metal telescopic wall liner	✓		68
WX6, WX9, WX12	Commercial wall fans with corrugated plastic wall liner	✓		70
WX6, WX9 & WX12 CSA 120V 60Hz	CSA approved commercial wall fans with 'safe lock' metal telescopic wall liner	✓		72
Whispair	Commercial ceiling sweep fans	✓		74
XID	Centrifugal metal inline fans		✓	76
XIDP	Centrifugal plastic inline fans		✓	78
XSD	Single EC box fans		✓	80

Domestic

Commercial

Systems

Air Comfort

Air Purification

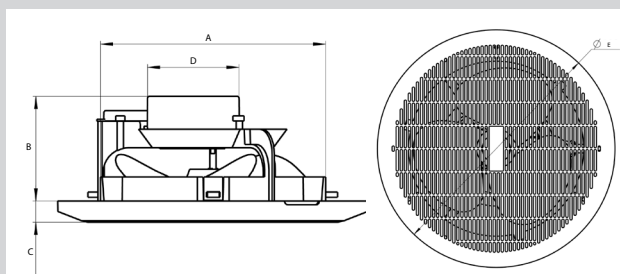
Ancillaries

XPE200 & XPE250

High performance ceiling fans



The XPE200 and XPE250 are flush mounted ceiling extract fan units, which come complete with an intake grille finished in white. Applications include bathrooms, kitchens, laundrettes and toilets.

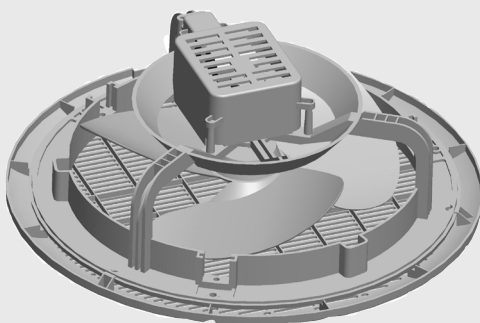


Dimensions (mm)		
	XPE200	XPE250
A	218	271
B	101	102
C	20.5	15
D	89	89
E	300	353

Product Features	XPE200	XPE250
Reference Number	92887AW	92888AW
Grille size (mm)	300	353
Blade size (mm)	200	250
Cut-out size (mm)	240	250



Product Selector	XPE200	XPE250
Reference Number	92887AW	92888AW
Electrical Power Rating (W)	30	38
Extract Performance (FID m ³ /h)	273	385
Extract Performance (FID l/s)	75	106
Sound Pressure Level (dBA@3m)	39	48
Hole Diameter (mm)	240	290
Weight (kg)	1.8	2.7
Motor Speed (RPM)	1550	1550



CX10 & CMF

Commercial ceiling-mounted fans

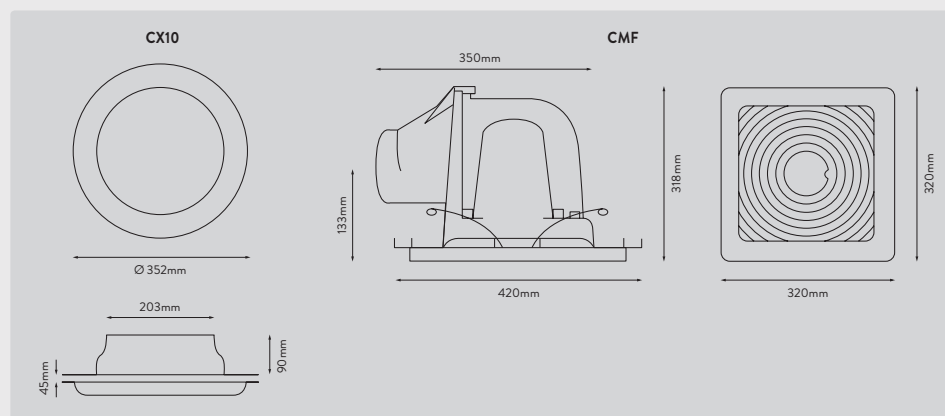


CX10



CMF

The CX10 and CMF are flush-mounted ceiling extract fan units, which come complete with an intake grille finished in white. The CX10 has an integral duct connection spigot (203mmØ), while the CMF has a side entry spigot plenum box. Applications include kitchens, larger utility rooms, pub bars, schools and shops.

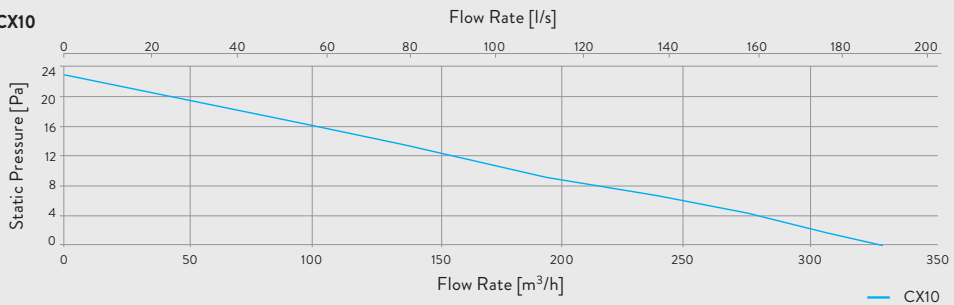


Product Features	CX10	CMF171	CMF241	CMF 271
Reference Number	90209AB	89955AW	89956AW	89957AW
Reference Number (120V 50/60Hz)	90910AB			
Round	✓			
Square		✓	✓	✓
Axial	✓			
Centrifugal		✓	✓	✓
Standard	✓	✓	✓	✓
Integral Duct Connection Spigot	✓			
Side Entry Spigot	✓	✓	✓	✓
Safety Finger Guard	✓	✓	✓	✓
Integral Fly Guard	✓	✓	✓	✓

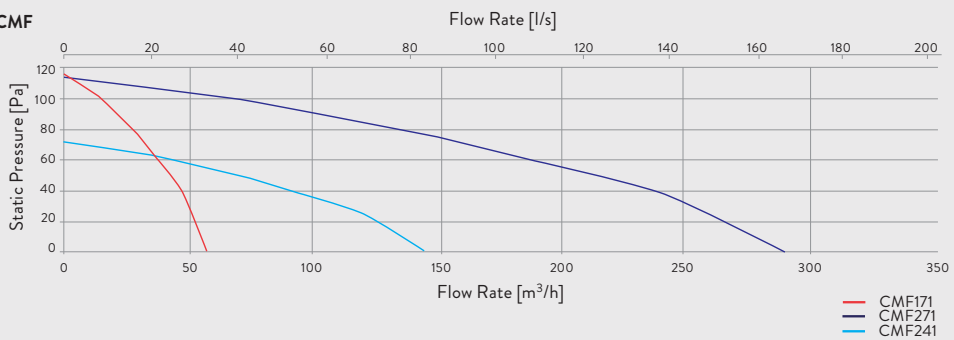


Product Selector	CX10	CMF171	CMF241	CMF271
Reference Number	90209AB	89955AW	89956AW	89957AW
Reference Number (120V 50/60Hz)	90910AB			
Electrical Power Rating (W)	34	30	33	48
Extract Performance (m ³ /h)	329	63	146	286
Extract Performance (l/s)	91	18	41	79
Sound Pressure Level (dBA@3m)	44	38	41	41
Hole Diameter (mm)	300	185x185	248x248	273 x 273
Ducting Size (mm)	200	102	102	150
Weight (kg)	1.8	2.7	3.8	6.9

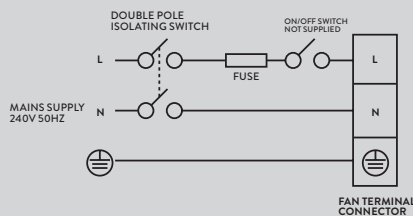
CX10



CMF



CX10/CMF



GX9 & GX12

Commercial AC window fans

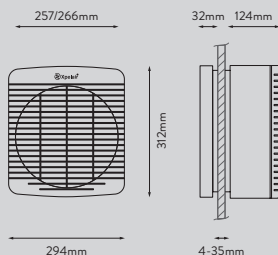


GX9 and GX12 window fans have remained a byword for commercial window fans for over 40 years. Supplied with longer ladder strips for ease of installation and with safety finger-guard integrated into the housing and the window grille. Plus, a tamper-proof positive plug and socket assembly provides a means of isolation for service access. Both 9" and 12" models are reversible and feature an enclosed external rotor motor providing constant volume outputs, even in gusty external conditions.

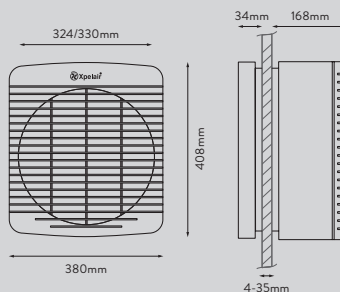


Commercial

GX9



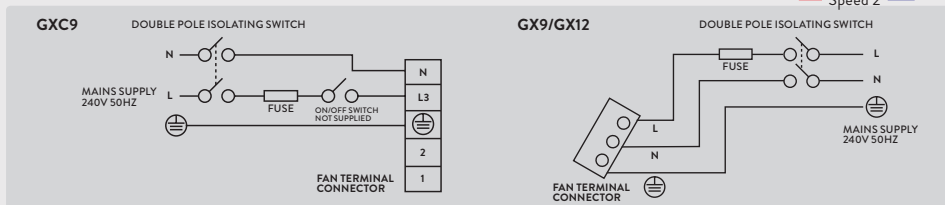
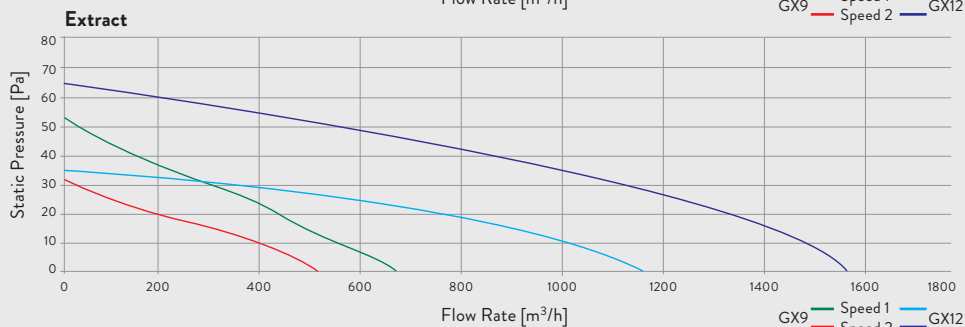
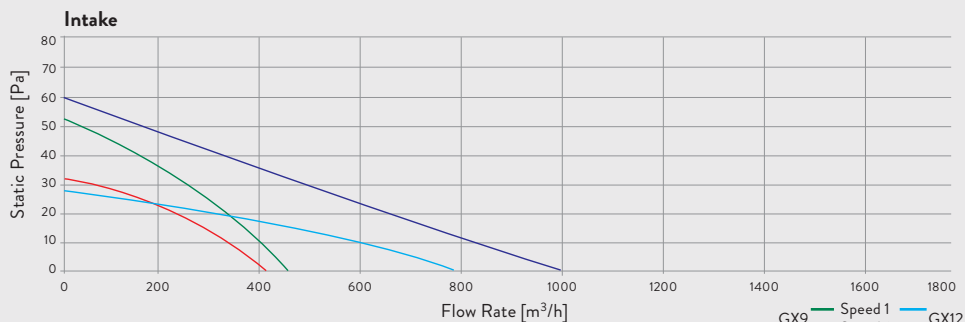
GX12



Product Features	GX9	GXC9	GX12
Reference Number	89994AW	89995AW	90012AW
Reference Number (Flame Retardant Materials)	89994AE	89995AE	90012AE
Standard	✓		✓
Pullcord		✓	
9" Impeller	✓	✓	
12" Impeller			✓
Reversible Intake/Extract	✓		✓
Silent Electro-thermal Shutter	✓		✓
Safety Finger Guard	✓	✓	✓
Window Kit Supplied	✓	✓	✓



Product Selector	GX9	GXC9	GX12
Reference Number	89994AW	89995AW	90012AW
Reference Number (Flame Retardant Materials)	89994AE	89995AE	90012AE
Remote Switch (supplied separately)	✓		✓
Selectable Intake, Extract or Controller Operation	✓		✓
Speeds	2	1	2
Extract Performance (m ³ /h)	543/636	520	1091/1546
Extract Performance (l/s)	151/177	145	303/429
Intake Performance (m ³ /h)	405/449		772/1117
Intake Performance (l/s)	113/125		215/310
Sound Pressure Level (dBA@3m)	48/50	44	50/55
Electrical Power Rating (W)	41	32	85
Hole Diameter (mm)	257	257	324
Hole Diameter with Wall Liner (mm)	266	266	330
Weight (kg)	4	3.9	7.9



GX9/12 EC3 & EC3 RF

Commercial long-life, low-energy axial fans



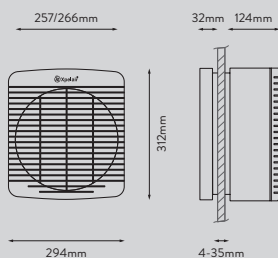
Commercial

GX9/12 and EC3 commercial axial fans feature Ultra EC motor technology for long-lasting, energy-efficient performance and reduced running costs. For EC3 models an MS2 controller is required, while the new EC3 RF models require the new RF controller, both purchased separately.

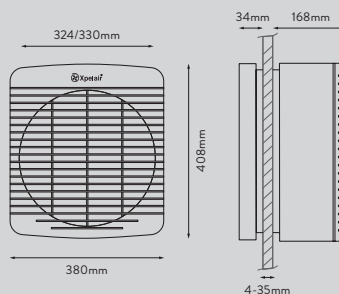
The new innovative radio frequency (RF) controllers offer a wireless and battery-less control solution using only kinetic energy to generate and send control signals to single or multiple fans. This control option reduces installation time and cost as there is no need to run cables between the fan and the controller or purchase batteries.



GX9



GX12

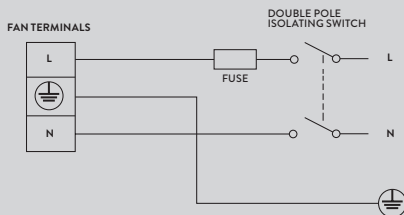


Product Features	GX9 EC3	GX9 EC3 RF	GX12 EC3	GX12 EC3 RF
Reference Number	92729AW	92733AW	92730AW	92734AW
Standard	✓	✓	✓	✓
Silent Electro-thermal Shutter	✓	✓	✓	✓
RF Controllable		✓		✓
Double Insulated	✓	✓	✓	✓
Safety Finger Guard	✓	✓	✓	✓
Window Kit Supplied	✓	✓	✓	✓

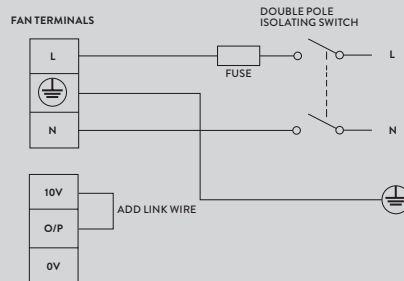


Product Selector	GX9 EC3	GX9 EC3 RF	GX12 EC3	GX12 EC RF
Reference Number	92729AW	92733AW	92730AW	92734AW
Remote Switch (supplied separately)	23513AW (MS2)	92792AW (RF)	23513AW (MS2)	92792AW (RF)
Speeds	5	2	5	2
Passive Intake (shutter open without fan running)		✓		✓
Extract Performance (m ³ /h)	847 Max	372/847	1675 Max	600/1675
Extract Performance (l/s)	235 Max	172/202	448 Max	337/448
Electrical Power Rating (W)	54.8	54.8	67.3	67.3
Hole Diameter (mm)	257	257	324	324
Hole Diameter with Wall Liner (mm)	266	266	330	330
Weight (kg)	4.2	4.2	7.5	7.5

GX9 EC3 RF/GX12 EC RF



GX9 EC3/GX12 EC3



ANCILLARIES

We recommend the GX9 EC3 and GX12 EC3 RF controllers to operate the fans wirelessly. See ancillaries for further information.

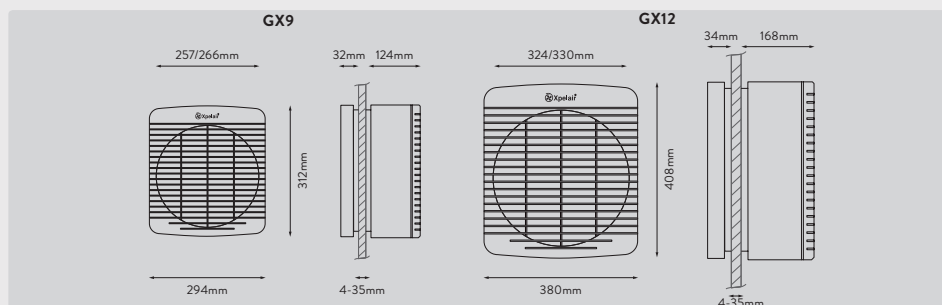


GX9 & GX12 CSA 120V 60Hz & 120V 50/60Hz

Commercial AC window fans



GX9 and GX12 window fans have remained a byword for commercial window fans for over 40 years. Supplied with longer ladder strips for ease of installation and with safety finger-guard integrated into the housing and the window grille. Plus, a tamper-proof positive plug and socket assembly provides a means of isolation for service access. Both 9" and 12" models are reversible and feature an enclosed external rotor motor providing constant volume outputs, even in gusty external conditions.



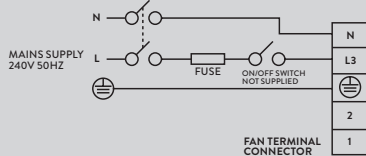
Product Features	GX9 CSA	GXC9 CSA	GX12 CSA	GX9 120V 50/60Hz	GX12 120V 50/60Hz
Reference Number	90195AW	90194AW	90189AW	90906AW	90907AW
Standard	✓		✓	✓	✓
Pullcord		✓			
9" Impeller	✓	✓		✓	
12" Impeller			✓		✓
Reversible Intake/Extract	✓		✓	✓	✓
Silent Electro-thermal Shutter	✓		✓	✓	✓
Safety Finger Guard	✓	✓	✓	✓	✓
Window Kit Supplied	✓	✓	✓	✓	✓



Product Selector	GX9 CSA	GXC9 CSA	GX12 CSA	GX9 120V 50/60Hz	GX12 120V 50/60Hz
Reference Number	90195AW	90194AW	90189AW	90906AW	90907AW
Remote Switch (supplied separately)	✓		✓	✓	✓
Selectable Intake, Extract or Controller Operation	✓		✓	✓	✓
Speeds	2	1	2	2	2
Extract Performance (m³/h)	558/725	556	1617/1909	558/725	1617/1909
Extract Performance (l/s)	155/201	154	449/530	155/201	449/530
Intake Performance (m³/h)	444/516	-	711/1074	444/516	711/1074
Intake Performance (l/s)	123/143	-	198/298	123/143	198/298
Sound Pressure Level (dBA@3m)	48/50	44	50/55	48/50	50/55
Electrical Power Rating (W)	26-42	22	48-101	26-42	48-101
Hole Diameter (mm)	257	257	324	257	324
Hole Diameter with Wall Liner (mm)	266	266	330	266	330
Weight (kg)	4	3.9	7.9	4	4

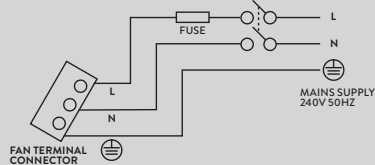
GXC9

DOUBLE POLE ISOLATING SWITCH



GX9/GX12

DOUBLE POLE ISOLATING SWITCH



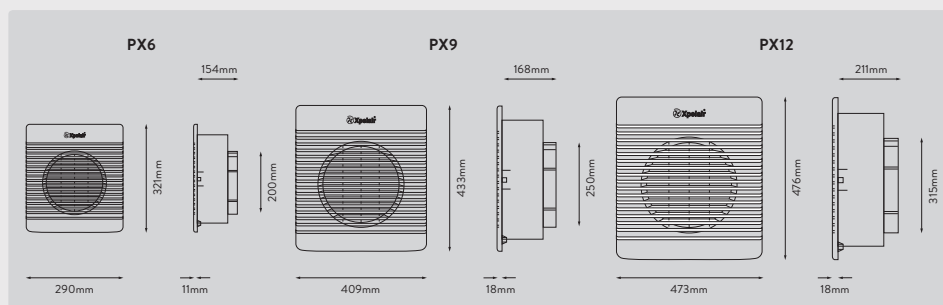
PX6, PX9 & PX12

Commercial panel fans



The PX range introduces even greater flexibility into the design of commercial and larger domestic ventilation systems. Based on the proven WX range, PX fans are perfect for ceiling and panel applications in kitchens, restaurants, pubs, offices, schools and shops. They can be installed at any angle in ceilings, voids and wall panels of any thickness due to the concealed fixing points provided. An integral spigot allows the attachment of flexible ducting, such as Xflex. Plus, they feature an enclosed external rotor motor, providing constant volume outputs even in gusty external conditions.

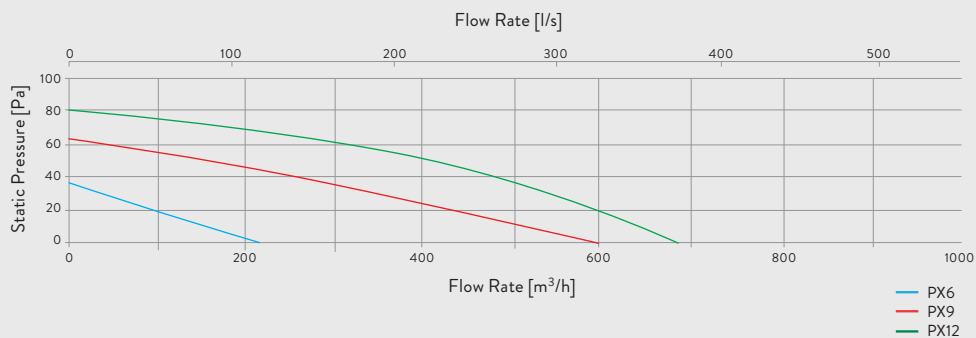
Commercial



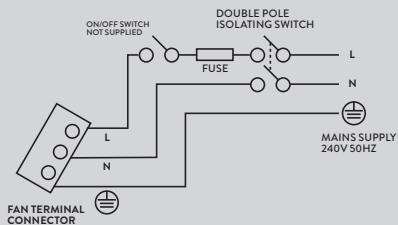
Product Features	PX6	PX9	PX12
Reference Number	91300AW	91299AW	91298AW
Standard	✓	✓	✓
6" Impeller	✓		
9" Impeller		✓	
12" Impeller			✓
Reversible Intake/Extract		✓	✓
Silent Electro-thermal Shutter	✓	✓	✓
Safety Finger Guard	✓	✓	✓



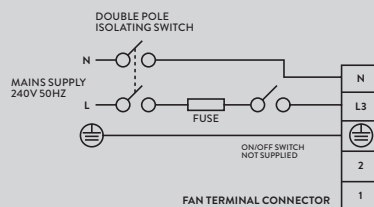
Product Selector	PX6	PX9	PX12
Reference Number	91300AW	91299AW	91298AW
Remote Switch (supplied separately)	✓	✓	✓
Extract Only	✓		
Selectable Intake, Extract or Controller Operation		✓	✓
Speeds	1	2	2
Extract Performance (m ³ /h)	205	598/690	616/757
Extract Performance (l/s)	57	166/192	171/210
Intake Performance (m ³ /h)		433/458	845/1037
Intake Performance (l/s)		120/127	235/288
Sound Pressure Level (dBA@3m)	39	47/50	48/54
Ducting Size (mm)	200	250	315
Electrical Power Rating (W)	34	41	85
Hole Diameter (w x h mm)	245 x 268	345 x 375	434 x 434
Spigot Size (mm)	200	250	315
Weight (kg)	2.8	4.7	7.9



PX6



PX9/PX12



RX6, RX9 & RX12

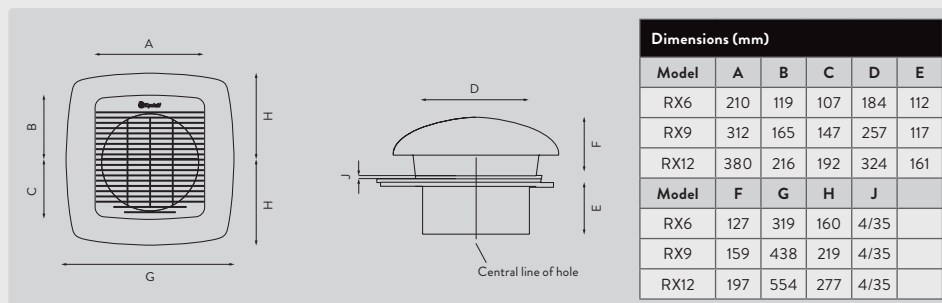
Commercial roof fans



Commercial

RX models are a neat way of ventilating through glazed and solid roofs and can be used vertically in windows on exposed sites such as coastal areas and high rise buildings. They are suitable for single and sealed double-glazed windows and panels up to 25mm. For flat roofs an optional roof-mounting plate allows RX models to be fitted to dressed curbs.

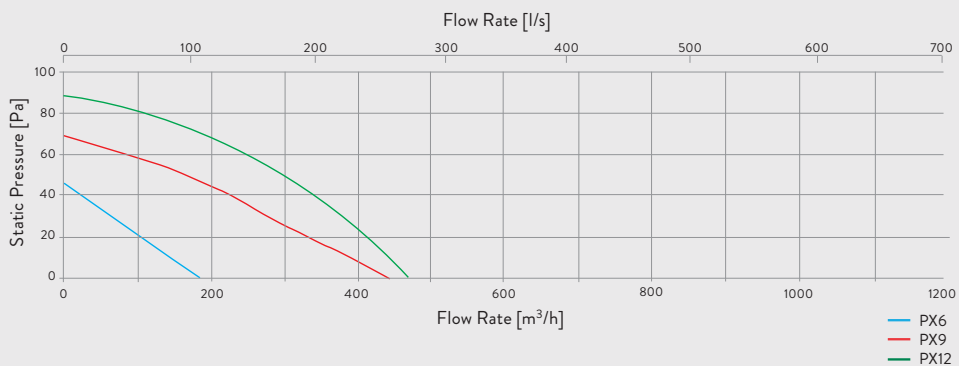
On RX9 and RX12 units a positive plug and socket assembly provides a means of isolation for service access without the safety risk of accidental disconnection. These two models feature totally enclosed external rotor motors providing constant volume outputs, even in gusty external conditions.



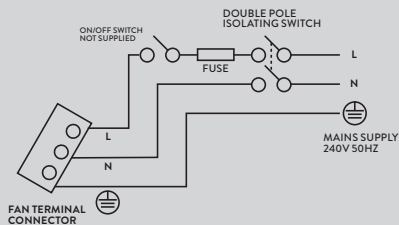
Product Features	RX6	RX9	RX12
Reference Number	90818AW	90424AW	90425AW
Standard	✓	✓	✓
6" Impeller	✓		
9" Impeller		✓	
12" Impeller			✓
Reversible Intake/Extract		✓	✓
Silent Electro-thermal Shutter	✓	✓	✓
Trickle Ventilation Facility	✓	✓	✓
Roof Cowl Assembly	✓	✓	✓
Safety Finger Guard	✓	✓	✓



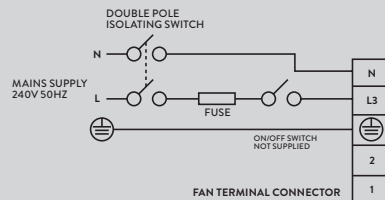
Product Selector	RX6	RX9	RX12
Reference Number	90818AW	90424AW	90425AW
Remote Switch (not supplied)	✓	✓	✓
Extract Only	✓		
Selectable Intake, Extract or Controller Operation		✓	✓
Speeds	1	2	2
Extract Performance (m ³ /h)	172	376/446	386/489
Extract Performance (l/s)	48	104/124	107/136
Intake Performance (m ³ /h)		384/438	709/915
Intake Performance (l/s)		107/122	197/254
Sound Pressure Level (dBA@3m)	39	49/52	48/56
Electrical Power Rating (W)	35	41	87
Hole Diameter (Ømm)	184	257	324
Max. Wall Thickness (mm)	25	25	25
Weight (kg)	3.8	4.5	7.9



RX6



RX9/RX12



ANCILLARIES

See pages 114-128

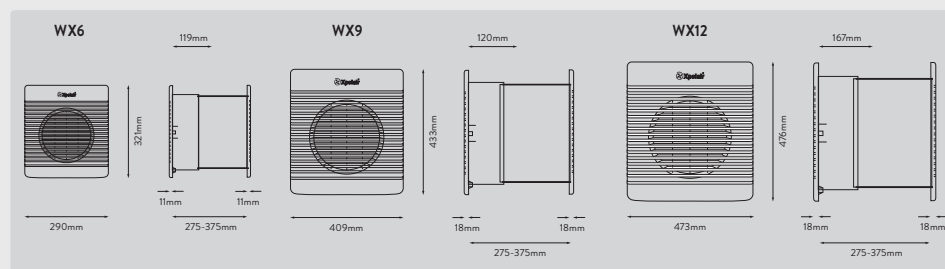
WX6, WX9 & WX12

Commercial wall fans with 'safe lock' metal telescopic wall liner



WX commercial duty wall fans are designed for pubs, restaurants, offices, kitchens, factories, schools and shops, and are suitable for single, cavity brick and timber frame walls. The low profile white fascia is styled to blend in cleanly with commercial surroundings, while on the WX9 and WX12 units a positive plug and socket assembly provides a means of isolation. All WX models come complete with a wall-mounting kit which includes a 'safe lock' metal telescopic wall liner.

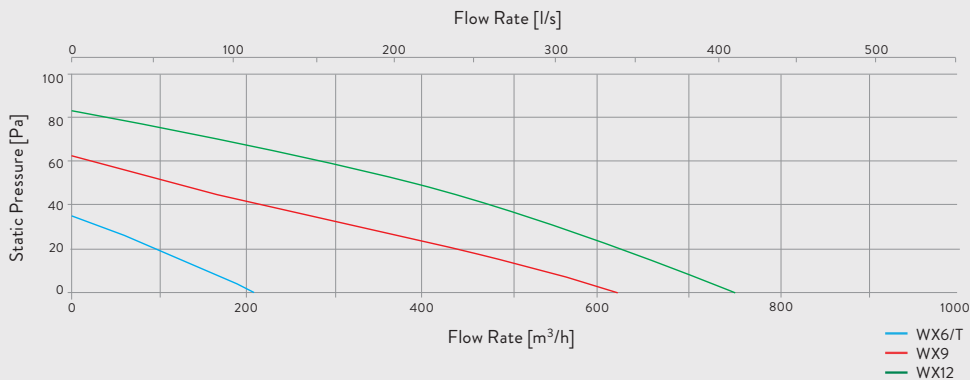
Commercial



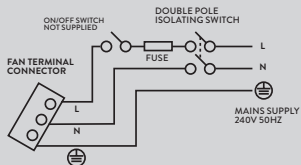
Product Features	WX6	WX6T	WX9	WX12
Reference Number	92502AW	92523AW	92503AW	92504AW
Reference Number (Flame Retardant Materials)			89996AE	
Standard	✓		✓	✓
Timer		✓		
6" Impeller	✓	✓		
9" Impeller			✓	
12" Impeller				✓
Reversible Intake/Extract			✓	✓
Silent Electro-thermal Shutter	✓	✓	✓	✓
Trickle Ventilation Facility	✓	✓	✓	✓
Safety Finger Guard	✓	✓	✓	✓
Metal Telescopic Wall Liner Supplied	✓	✓	✓	✓



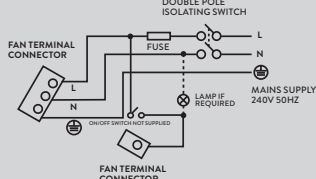
Product Selector	WX6	WX6T	WX9	WX12
Reference Number	92502AW	92523AW	92503AW	92504AW
Reference Number (Flame Retardant Materials)			89996AE	
Remote Switch (not supplied)	✓	✓	✓	✓
Integral Adjustable Run-on Timer (2 – 20 mins)		✓		
Extract Only	✓	✓		
Selectable Intake, Extract or Controller Operation			✓	✓
Speeds	1	1	2	2
Extract Performance (m ³ /h)	205	205	583/684	596/750
Extract Performance (l/s)	57	57	162/190	166/208
Intake Performance (m ³ /h)			437/477	815/969
Intake Performance (l/s)			121/133	226/269
Sound Pressure Level (dBA@3m)	39	39	47/50	48/54
Electrical Power Rating (W)	34	34	41	85
Hole Diameter (w x h mm)	245 x 268	245 x 268	345 x 375	434 x 434
Wall Thickness (mm)	275 – 375	275 – 375	275 – 375	275 – 375
Weight (kg)	6.4	6.4	10.5	14



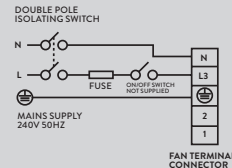
WX6



WX6T



WX9/WX12



ANCILLARIES

See pages 114-128



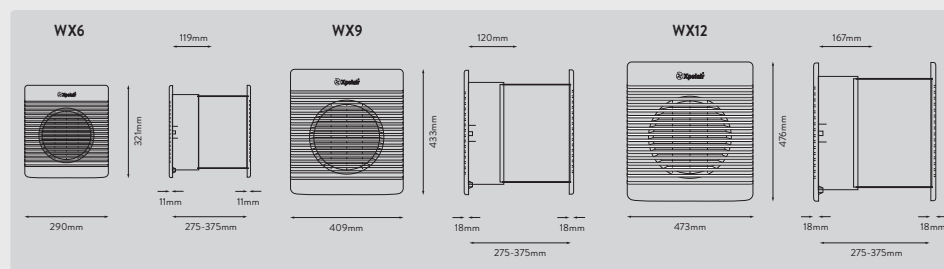
WX6, WX9 & WX12

Commercial wall fans with corrugated plastic wall liner



WX commercial duty wall fans are designed for pubs, restaurants, offices, kitchens, factories, schools and shops, and are suitable for single, cavity brick and timber frame walls. The low profile white fascia is styled to blend in cleanly with commercial surroundings, while on the WX9 and WX12 units a positive plug and socket assembly provides a means of isolation. All WX models come complete with a wall-mounting kit which includes a corrugated plastic wall liner.

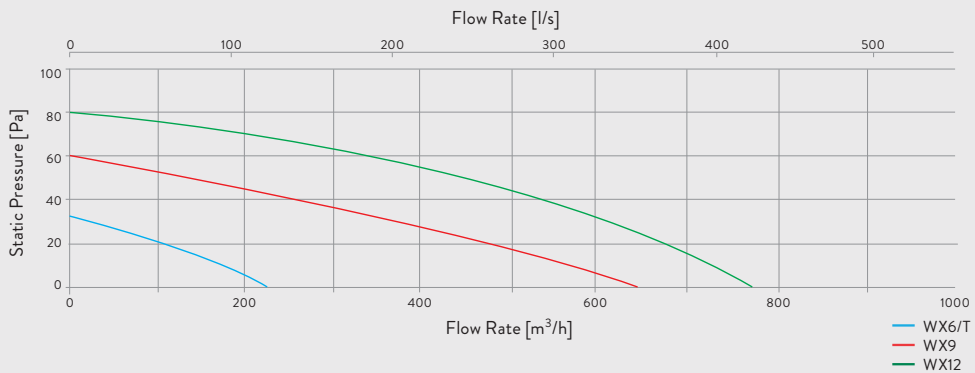
Commercial



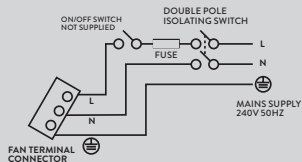
Product Features	WX6	WX6T	WX9	WX12
Reference Number	90822AW	90823AW	89996AW	90011AW
Standard	✓		✓	✓
Timer		✓		
6" Impeller	✓	✓		
9" Impeller			✓	
12" Impeller				✓
Reversible Intake/Extract			✓	✓
Silent Electro-thermal Shutter	✓	✓	✓	✓
Trickle Ventilation Facility	✓	✓	✓	✓
Safety Finger Guard	✓	✓	✓	✓
Plastic Telescopic Wall Liner Supplied	✓	✓	✓	✓



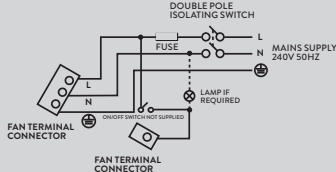
Product Selector	WX6	WX6T	WX9	WX12
Reference Number	90822AW	90823AW	89996AW	90011AW
Remote Switch (not supplied)	✓	✓	✓	✓
Integral Adjustable Run-on Timer (2 – 20 mins)		✓		
Extract Only	✓	✓		
Selectable Intake, Extract or Controller Operation			✓	✓
Speeds	1	1	2	2
Extract Performance (m ³ /h) high/low	205	205	583/684	596/750
Extract Performance (l/s) high/low	57	57	162/190	208/166
Intake Performance (m ³ /h) high/low			437/477	815/969
Intake Performance (l/s) high/low			121/133	226/269
Sound Pressure Level (dBA@3m) high/low	39	39	47/50	48/54
Electrical Power Rating (W)	34	34	41	85
Hole Diameter (w x h mm)	245 x 268	245 x 268	345 x 375	434 x 434
Wall Thickness (mm)	275 – 375	275 – 375	275 – 375	275 – 375
Weight (kg)	2.9	2.9	4.7	8.3



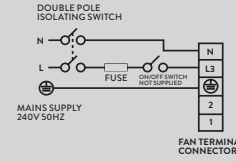
WX6



WX6T



WX9/WX12

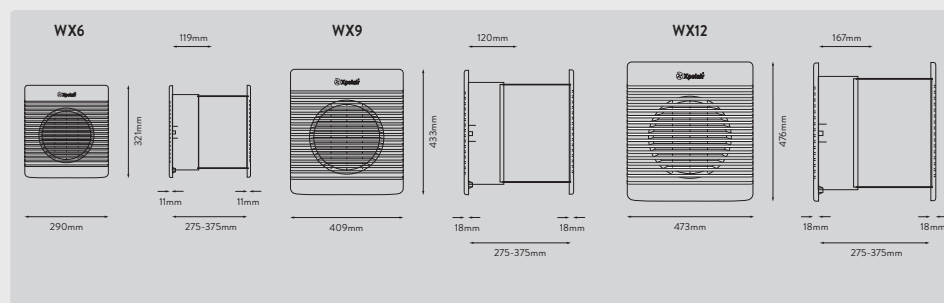


WX6, WX9 & WX12 CSA 120V 60Hz

Commercial wall fans.



WX commercial duty wall fans are designed for pubs, restaurants, offices, kitchens, factories, schools and shops, and are suitable for single, cavity brick and timber frame walls. The low profile white fascia is styled to blend in cleanly with commercial surroundings, while on the WX9 and WX12 units a positive plug and socket assembly provides a means of isolation.

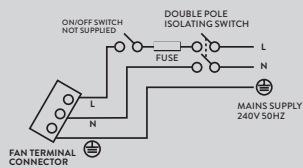


Product Features	WX6 CSA	WX9 CSA	WX12 CSA
Reference Number	90824AW	90193AW	90191AW
Standard	✓	✓	✓
6" Impeller	✓		
9" Impeller		✓	
12" Impeller			✓
Reversible Intake/Extract		✓	✓
Silent Electro-thermal Shutter	✓	✓	✓
Trickle Ventilation Facility	✓	✓	✓
Safety Finger Guard	✓	✓	✓
Plastic Telescopic Wall Liner Supplied	✓	✓	✓

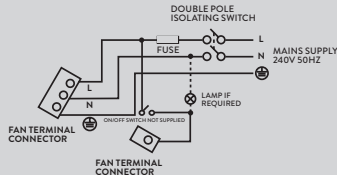


Product Selector	WX6 CSA	WX9 CSA	WX12 CSA
Reference Number	90824AW	90193AW	90191AW
Additional Wall Liner Reference Number		16854AA	16855AA
Remote Switch (not supplied)	✓	✓	✓
Extract Only	✓		
Selectable Intake, Extract or Controller Operation		✓	✓
Speeds	1	2	2
Extract Performance (m ³ /h) high/low	254	611/790	965/1582
Extract Performance (l/s) high/low	71	170/219	268/439
Intake Performance (m ³ /h) high/low	-	462/537	688-1049
Intake Performance (l/s) high/low	-	128/149	191/291
Sound Pressure Level (dBA@3m) high/low	39	47/50	48/54
Electrical Power Rating (W)	23	26-42	48-99
Hole Diameter (w x h mm)	245 x 268	345 x 375	434 x 434
Wall Thickness (mm)	275 - 375	275 - 375	275 - 375
Weight (kg)	2.9	4.7	8.3

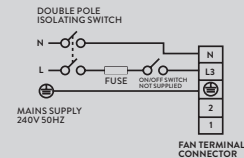
WX6



WX6T



WX9/WX12



Whispair

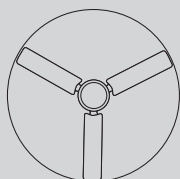
Commercial ceiling sweep fans



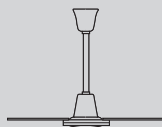
Commercial

Designed to provide a cool circulation of air in hot and humid conditions, with continuous operation at temperatures up to 40°C. They're suitable for upward or downward airflow and can be used as heat destratification units in winter to reduce heating costs.

These commercial fans are ideal for use in public buildings, shops, restaurants, village halls, farm buildings, factories, and other commercial buildings. The triple bladed units are available in four sizes, with sweep diameters from 900 to 1500mm. Fan blades are steel and supplied in matched sets with a choice of two lengths of suspension rod, giving overall drops of 375 or 750mm.



Sweep Diameter



Drop

Dimensions (mm)

Model	Sweep Diameter	Overall Drop
NWAN 36	900	All models, ceiling to bottom of fan: 375 or 750 (two down rods supplied)
NWAN 48	1200	
NWAN 56	1400	
NWAN 60	1500	

Product Features	NWAN36	NWAN48	NWAN56	NWAN60
Reference Number	90409AW	90410AW	90411AW	90412AW
Cooling	✓	✓	✓	✓
Destratification	✓	✓	✓	✓
900mm Diameter	✓			
1200mm Diameter		✓		
1400mm Diameter			✓	
1500mm Diameter				✓



Product Selector	NWAN36	NWAN48	NWAN56	NWAN60
Reference Number	90409AW	90410AW	90411AW	90412AW
Remote Optional Controllers Available	✓	✓	✓	✓
Sweep Diameter (mm)	900	1200	1400	1500
Reversible Operation	✓	✓	✓	✓
Maximum Speed (rpm)	350	310	280	260
Air Delivery (m ³ /h)	8761	10890	12474	13959
Air Delivery (l/s)	2434	3025	3465	3878
Electrical Power Rating (W)	50	65	65	65
Overall Drop Options (mm)	375/750	375/750	375/750	375/750
Weight (kg)*	6.5	6.5	6.5	6.5

*All models 6.5kg with marginal weight variance according to sweep diameter.

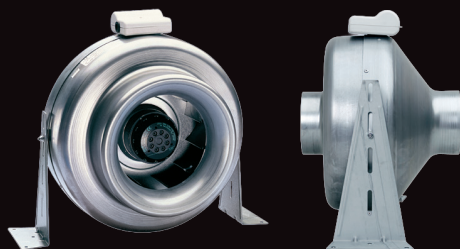
Commercial



XID

Centrifugal metal inline fans

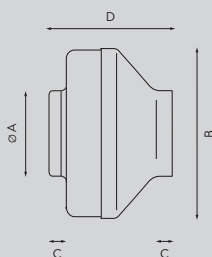
Commercial



The XID inline range is manufactured in zinc-coated, corrosion-resistant sheet metal with 30mm long spigot connections for ease of connection to ductwork.

These practical, reliable fans are ideal for ducted applications in shops, schools, factories, offices, pubs, hotels, restaurants and kitchens, and are available in 100 – 315mm duct size diameters to suit any application.

The fan unit is speed controllable to offer flexibility and individual control, and are supplied with a universal mounting bracket for mounting at any angle. The compact and robust zintec steel construction is Class F insulation.



Dimensions (mm)

Model	ØA	B	C	D
XID100	97	320	30	240
XID125	123	320	30	240
XID150	147	360	30	250
XID200	197	404	35	250
XID250	247	404	35	260
XID315	312	444	40	260



Product Selector	XID100	XID125	XID150	XID200	XID250	XID315
Reference Number	90101AA	90102AA	90103AA	90104AA	90208AA	90106AA
Spigot Diameter (mm)	Metal inline fan (Ø100mm duct)	Metal inline fan (Ø125mm duct)	Metal inline fan (Ø150mm duct)	Metal inline fan (Ø200mm duct)	Metal inline fan (Ø250mm duct)	Metal inline fan (Ø315mm duct)
Extract Performance (m ³ /s)						
0Pa	0.08	0.11	0.17	0.29	0.34	0.46
100Pa	0.06	0.09	0.12	0.23	0.29	0.41
200Pa	0.04	0.06	0.07	0.17	0.24	0.35
300Pa	0.01	0.03	0.02	0.12	0.17	0.28
400Pa				0.08	0.11	0.22
500Pa				0.02	0.04	0.16
600Pa						0.09
700Pa						0.03
Sound Pressure Level (dBA@3m)	25	26	26	29	32	36
Max. Electrical Power Rating (W)	85	85	99	157	194	244
Weight (kg)	2.5	2.5	3.7	5	5.6	6.5

XIDP

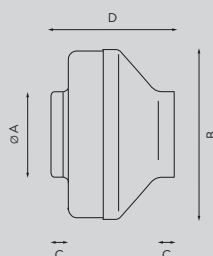
Centrifugal plastic inline fans

Commercial



The XIDP range of centrifugal inline fans provide the ideal ventilation solution for many exposed and high humidity applications with a compact and robust polymer construction and integral terminal box and guide-vanes. The casing is both impact and fire resistant and a mounting foot is provided for fast and easy installation.

Available in six popular sizes the range is compatible with Xpelair Xflex ducts and ventilation components. Suitable for applications where the units will be seen, in many commercial kitchens and showering areas subject to unit siting conditions. The fan unit is speed controllable to offer flexibility and individual control.



Dimensions (mm)

Model	ØA	B	C	D
XIDP100	99	288	30	247
XIDP125	124	288	30	247
XIDP150	149	379	30	230
XIDP200	199	379	30	230
XIDP250	249	379	30	230
XIDP315	314	452	30	275



Product Selector	XIDP100	XIDP125	XIDP150	XIDP200	XIDP250	XIDP315
Reference Number	91383AA	91384AA	91385AA	91386AA	91387AA	91388AA
Spigot Diameter (mm)	Plastic inline fan (Ø100mm duct)	Plastic inline fan (Ø125mm duct)	Plastic inline fan (Ø150mm duct)	Plastic inline fan (Ø200mm duct)	Plastic inline fan (Ø250mm duct)	Plastic inline fan (Ø315mm duct)
Extract Performance (m ³ /s)						
0Pa	0.07	0.10	0.15	0.22	0.28	0.38
100Pa	0.05	0.08	0.11	0.18	0.24	0.33
200Pa	0.03	0.05	0.08	0.14	0.20	0.27
300Pa	0.01	0.01	0.03	0.11	0.15	0.21
400Pa				0.08	0.11	0.14
500Pa				0.03	0.06	0.09
600Pa					0.01	0.05
Sound Pressure Level (dBA@3m)	24	25	25	28	31	41
Max. Electrical Power Rating (W)	85	85	99	157	194	244
Weight (kg)	2.0	2.1	2.5	3.8	4.3	5.5

Commercial



XSD

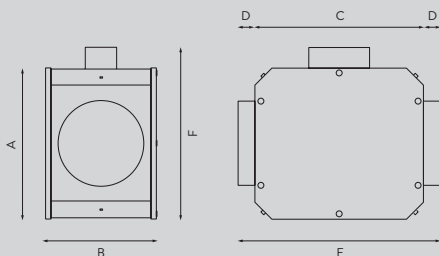
Single EC box fans



Commercial

The XSD EC range of single attenuated inline supply/extract units offer a quiet, compact, high efficiency ventilation solution that maintains indoor air quality.

Incorporating market-leading technologies, XSD has been designed with today's energy costs in mind, minimising energy consumption and reducing associated losses when compared with traditional extract ventilation systems. The units feature onboard Demand Controlled Ventilation (DCV) to ensure optimum indoor air quality, while the acoustically lined case reduces noise levels.

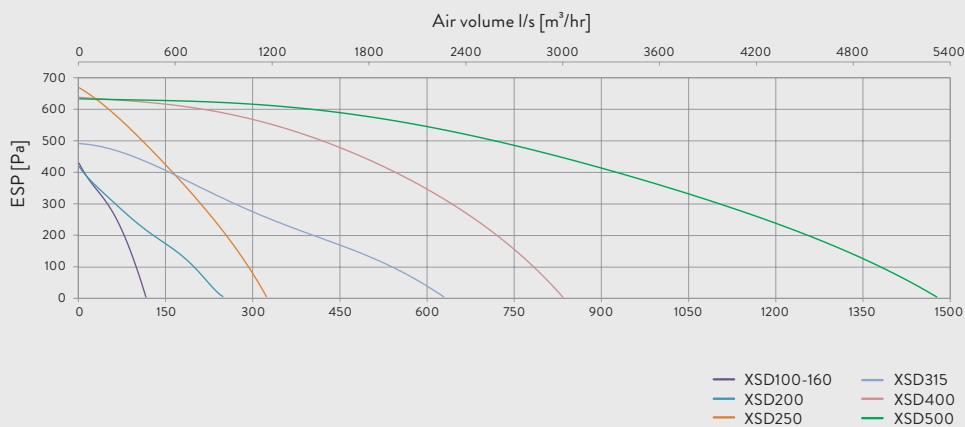


Dimensions (mm)

Duct Ø	A	B	C	D	E	F
100	300	220	350	40	430	360
125	300	220	350	40	430	360
150	300	220	350	40	430	360
160	300	220	350	40	430	360
200	450	330	500	40	580	510
250	450	330	500	40	580	510
315	640	460	680	65	810	700
400	640	460	680	70	820	700
500	810	580	900	70	1040	870



Product Selector	XSD100	XSD125	XSD150	XSD160	XSD200	XSD250	XSD315	XSD400	XSD500
Reference Number	92890AA	92891AA	92892AA	92893AA	92894AA	92895AA	92896AA	92897AA	92898AA
Spigot Diameter (mm)	100	125	150	160	200	250	315	400	500
Electrical Power Rating (W)	46	46	46	46	80	173	171	463	763
Electrical Current FLC (A)	0.37	0.37	0.37	0.37	0.73	1.45	1.45	2.05	3.35
Motor Insulation Class	O	O	O	O	O	O	O	O	O
Weight (kg)	9.5	9.5	9.0	9.0	17.5	18.0	34.0	36.5	60.0





System Ventilation Solutions

Models	Ventilation Type	MEV	MVHR	PIV	Page Number
Xplus 2 AC	Multi-point domestic and commercial ventilation unit	✓			84
Xplus 2 EC & EC RF	Low-energy, multi-point domestic and commercial ventilation unit	✓			86
Xcell 150QVWSB	Mechanical ventilation with heat recovery		✓		88
Xcell 300QVI	Mechanical ventilation with heat recovery		✓		90
Xcell 400QVI	Mechanical ventilation with heat recovery		✓		92
Xcell Stratum S105QVI, S155QVI & S275QVI	Compact, lightweight, low-profile horizontal heat recovery unit		✓		94
Muro	Through-the-wall single room dMEV heat recovery units		✓		96
EverDri XEL & XEW	Long-life positive pressure ventilation units			✓	98

Domestic

Commercial

Systems

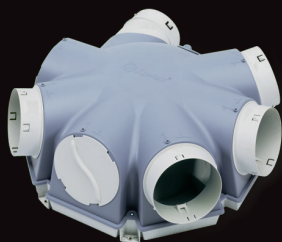
Air Comfort

Air Purification

Ancillaries

Xplus 2 AC

Multi-point domestic and commercial ventilation unit

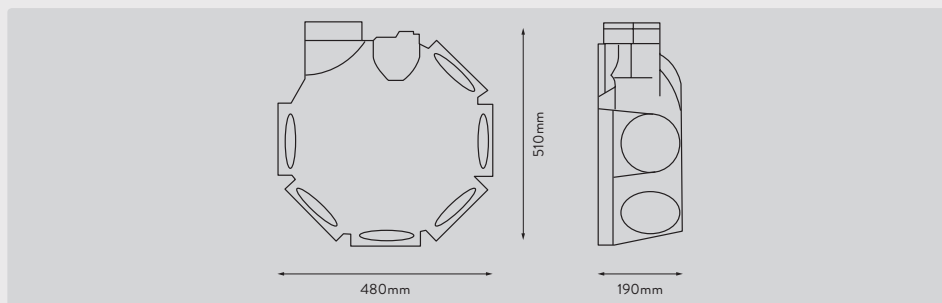


The Xplus 2 is a high performing central extract system designed to continuously extract stale, moist air from domestic kitchens, bathrooms and commercial wet rooms. The unit is primarily used in domestic applications but can also be used for commercial applications where continuous extract is required.

The multi-spigot 190mm low-profile design offers the installer greater flexibility when choosing where to site the unit and also due to the spigot configuration, allows ducting to be connected from any direction, therefore reducing airflow restriction and noise. The unit is suitable for either horizontal or vertical installation and has four speed options, three of which are selectable.

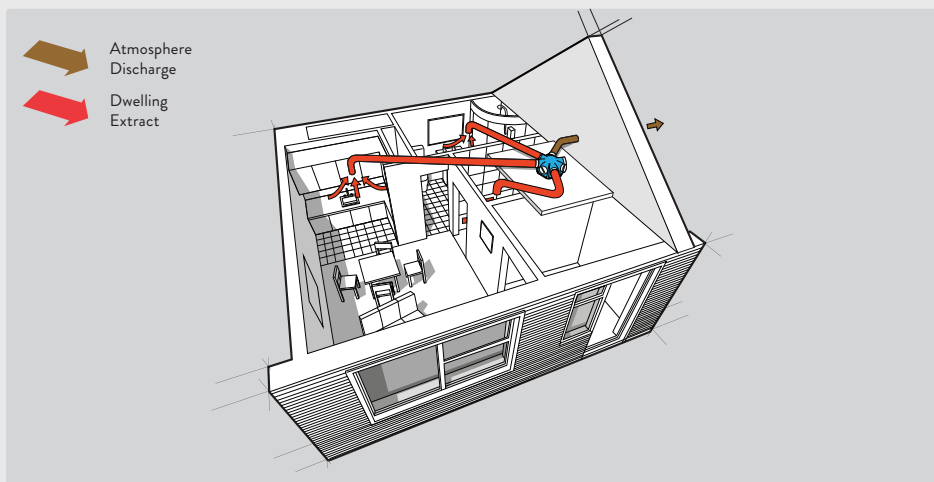


Systems





Product Selector	Xplus 2 AC
Reference Number	92430AW
AC Motor	✓
Speeds	4
Extract Performance (FID, m ³ /h)	155/237/329/471
Power (W) Speeds 1/2/3/4	13.4/23.9/35/58
No. of Intake Spigots	6
Spigot Diameter (mm)	125 (80mm adaptors available)
Colour	Blue
Weight (kg)	4.95



Systems

Trickle

Static Pressure (pa)	Flow (m ³ /h)	Power (W)	SFP
0	115.59	12.4	0.386
3.2	109.65	12.1	0.397
6.8	103.37	12.1	0.421
11.4	96.69	12.2	0.454
15.8	89.51	12.2	0.491
20.1	81.72	12.3	0.542
28	73.10	12.3	0.606
32.3	63.32	12.3	0.699
41.4	51.72	12.4	0.863
54.9	36.61	12.6	1.239

Boost

Static Pressure (pa)	Flow (m ³ /h)	Power (W)	SFP
0	388.85	60.69	0.561
32	367.35	60.7	0.595
66	346.43	60.6	0.630
101	324.15	60.3	0.670
138	300.21	60.2	0.722
180	274.18	59.7	0.784
217	245.37	58.6	0.860
258	212.66	57.3	0.970
303	173.84	55.8	1.156
358	123.21	53.4	1.560

ANCILLARIES

See pages 114-128

www.xpelair.co.uk/international

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Xplus 2 EC & EC RF

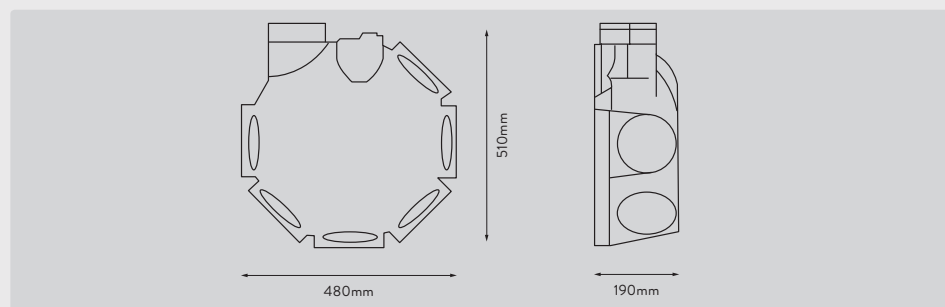
Low-energy, multi-point domestic and commercial ventilation unit



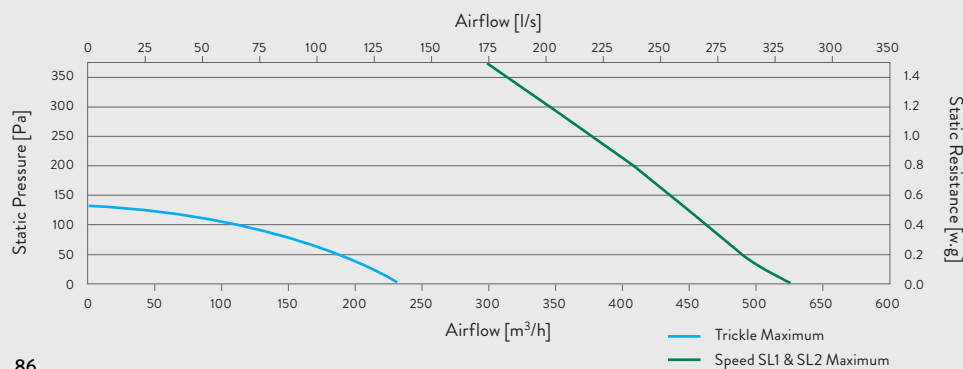
Xplus 2 EC models boast all of the benefits that centralised extraction systems offer – like flexible siting, multiple spigot connections and high-performance extraction – plus the added benefit of long-life, energy-efficient EC motors with backward curved impellers.



Systems

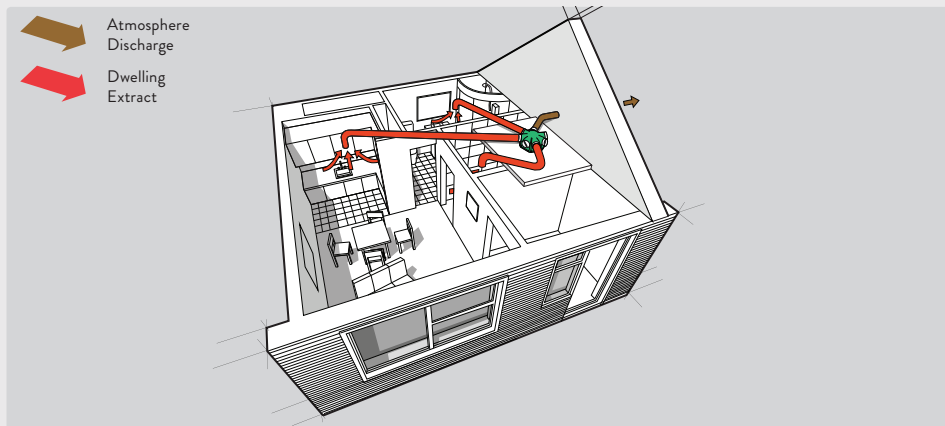


Product Features	Xplus 2 EC	Xplus 2 EC RF	Xplus 2 EC RFH
Reference Number	92498AG	92854AG	92795AG
Humidistat			✓
Trickle Ventilation Facility	✓	✓	✓
RF Controllable		✓	✓





Product Selector	Xplus 2 EC	Xplus 2 EC RF	Xplus 2 EC RFH
Reference Number	92498AG	92854AG	92795AG
Motor Type	EC	EC	EC
Speeds	3 selectable	2 selectable	4 selectable
Maximum Extract Performance (FID, m ³ /h)	550 (fully adjustable)	550 (fully adjustable)	550 (fully adjustable)
Maximum Extract Performance (m ³ /h @100Pa)	465	465	465
Maximum Power (W)	79	79	79
Spigot Diameter (mm)	125 (80mm adaptors available)	125 (80mm adaptors available)	125 (80mm adaptors available)
Sound Pressure Level (dBA@3m)	20/30/45	20/47	20/30/37/47
Weight (kg)	3.4	3.4	3.4



Trickle

Static Pressure (pa)	Flow (m ³ /h)	Power (W)	SFP
0	67.35	3.4	0.182
1.8	63.31	3.4	0.193
3.2	59.70	3.4	0.205
4.9	55.85	3.4	0.219
6.3	51.71	3.4	0.237
8.3	47.22	3.4	0.259
9.5	42.25	3.4	0.290
11.8	36.61	3.3	0.325
13.5	29.91	3.3	0.397
15.3	21.18	3.3	0.561

Boost

Static Pressure (pa)	Flow (m ³ /h)	Power (W)	SFP
0	440.92	65	0.531
100	403.18	66	0.589
200	337.22	66	0.705
300	281.11	64	0.820
400	210.35	61	1.044
500	156.61	53	1.218

ANCILLARIES

We recommend the Xplus 2 EC RF controllers to operate the fans wirelessly. See page 106 for further information.



Xcell 150QVWSB

Mechanical ventilation with heat recovery and summer bypass

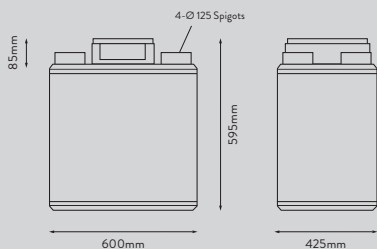


The Xcell 150QVWSB features a high-efficiency counterflow heat exchanger, providing up to 90% heat recovery efficiency. This unit is purpose-designed for modern, airtight apartments and houses, where less natural leakage can cause increased condensation and mould problems. This model has lightweight EPP construction and may be floor or wall-mounted in the loft space.

A low-energy EC motor ensures low annual running costs, while the long-life G4 filter can be inspected with ease – simply remove the front access panel for effortless maintenance. There's also a summer bypass facility that stops the heat exchanger warming incoming fresh air during the summer months, for year-round comfort.

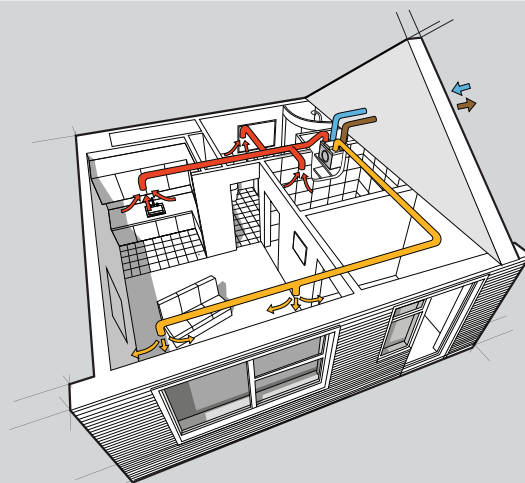


Systems



Kitchen		S.F.P. (W/L/S)	Heat Recovery Efficiency
+1 Additional Wet Room	100% Variable	1.33	88%
+2 Additional Wet Room		1.08	87%
+3 Additional Wet Room		1.17	86%
+4 Additional Wet Room		1.30	86%
+5 Additional Wet Room		1.53	85%

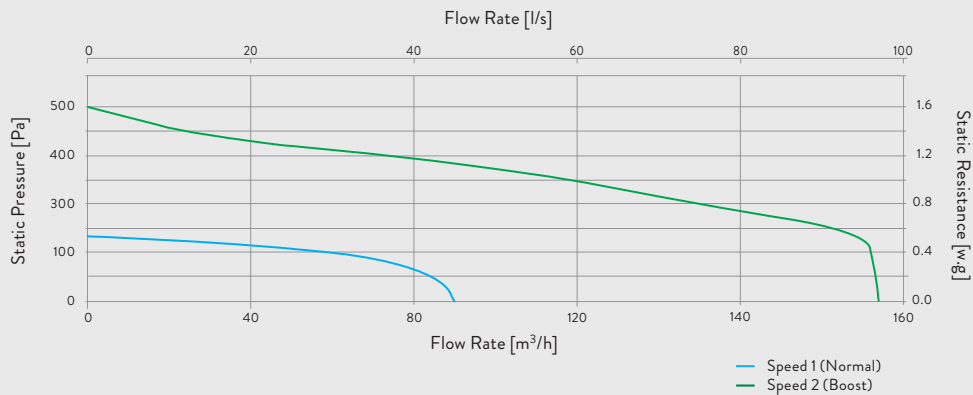
- Atmosphere Discharge
- Atmosphere Intake
- Dwelling Supply
- Dwelling Extract





Product Selector	Xcell 150QVWSB
Reference Number	93139AW
Motor Type	EC
Maximum Supply/Extract Performance (FID, m ³ /h)	150
Maximum Supply/Extract Performance (m ³ /h @90Pa)	150
Maximum System Pressure (Pa)	90
Power Usage Maximum (W) 220-240V AC 50-60Hz	85
Specific Fan Power (average W/l/s – specific fan power is subject to system design resistance)	0.74
Efficiency (%)	90
Speeds	2
Speed Control Type	Remote variable DC
Noise (dBA@3m) Low/Max	20/29.5
Spigot Diameter (mm)	125
Installation Orientation	Vertical
Weight (kg)	17.5

Systems



ANCILLARIES

See pages 114-128

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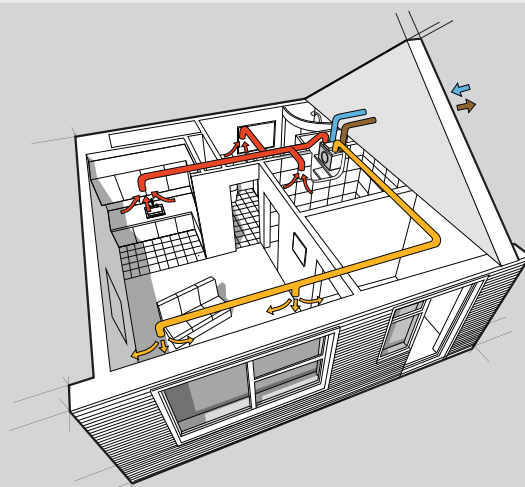
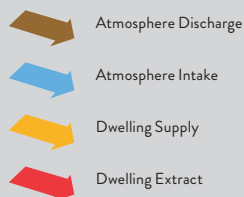
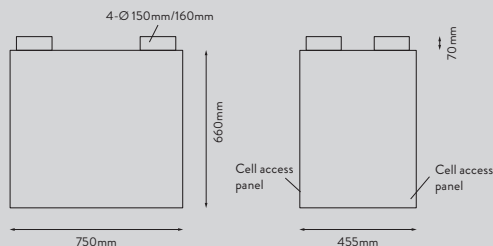


Xcell 300QVI

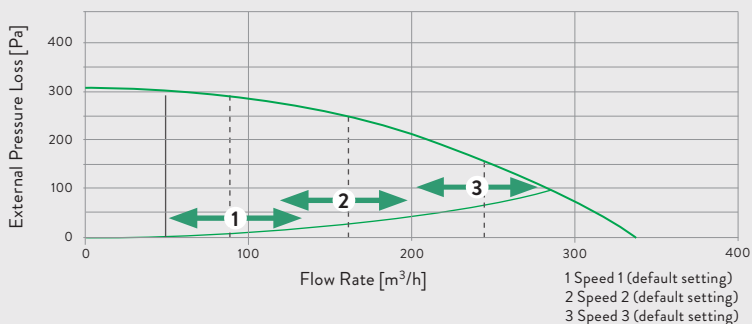
Mechanical ventilation with heat recovery



The Xcell 300QVI has been purpose-designed for modern, airtight houses with 3 – 4 bedrooms, or large apartments. With a counterflow heat exchanger capable of recovering up to 91% of the extracted heat, plus energy-efficient EC motors, it's a cost-effective solution. This model may be wall or loft-mounted, features a long-life G4 filter, and is Passivhaus approved. Plus every QVI unit benefits from a winter defrost cycle and cold home guard.



Product Selector	Xcell 300QVI
Reference Number	92465AW
Maximum Extract Performance (FID, m ³ /h)	340
Extract Performance (m ³ /h @ 100Pa)	280
Maximum System Pressure (Pa – based on minimum flow rate)	280
Speeds	3
Speed Control Type	Remote DC
Noise Level (dBA@3m)	20/25/35
Power Usage @ 220-240V 50-60Hz (W)	136
Specific Fan Power (W/l/s)	0.73
Weight (kg)	33

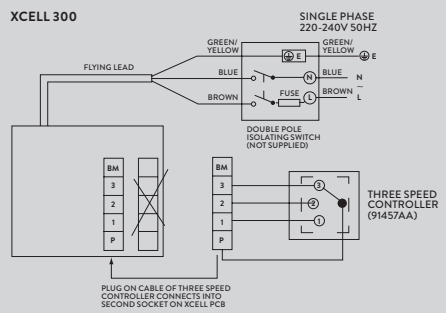


Performance

PA	Max Speed (m ³ /h)
0	340
50	320
100	280
150	245
200	200
250	145
300	35

Kitchen		S.F.P. (W/L/S)	Heat Recovery Efficiency	
+1 Additional Wet Room	100% Variable	0.65	91%	E.S.T Beat Performance Compliant
+2 Additional Wet Room		0.60	91%	
+3 Additional Wet Room		0.61	90%	
+4 Additional Wet Room		0.68	89%	
+5 Additional Wet Room		0.76	88%	
+6 Additional Wet Room		0.84	87%	
+7 Additional Wet Room		1	87%	

XCELL 300



ANCILLARIES

See pages 114-128

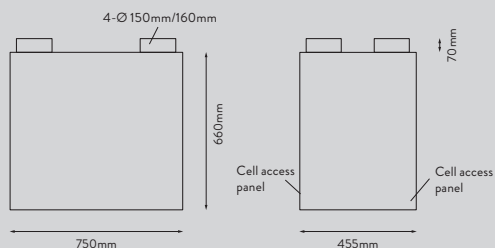
Xcell 400QVI





Mechanical ventilation with heat recovery

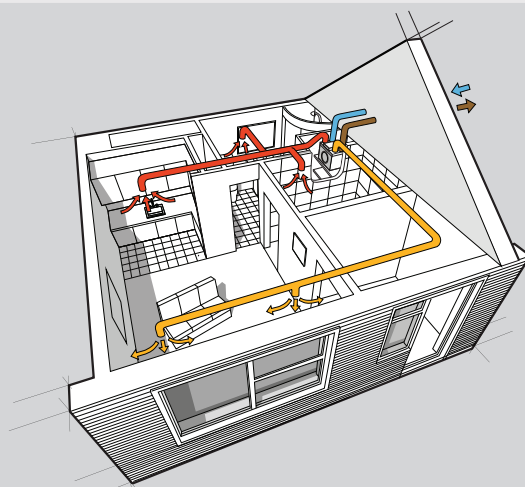


Xcell 400QVI units are designed for modern airtight buildings and are ideal for 4 – 5 bedroom houses and larger apartments. They incorporate a high efficiency heat recovery counterflow cell for heat recovery of up to a 91%, EC ultra-low energy motors and G4 filters. The three intake connection spigots located on the top of the unit make the unit ideal for locating in a loft void.

The units have three speeds and benefit from winter defrost cycle, filter and motor inspection indicators and the facility for automatic control by a combination of humidistats, CO₂ or smoke sensors.

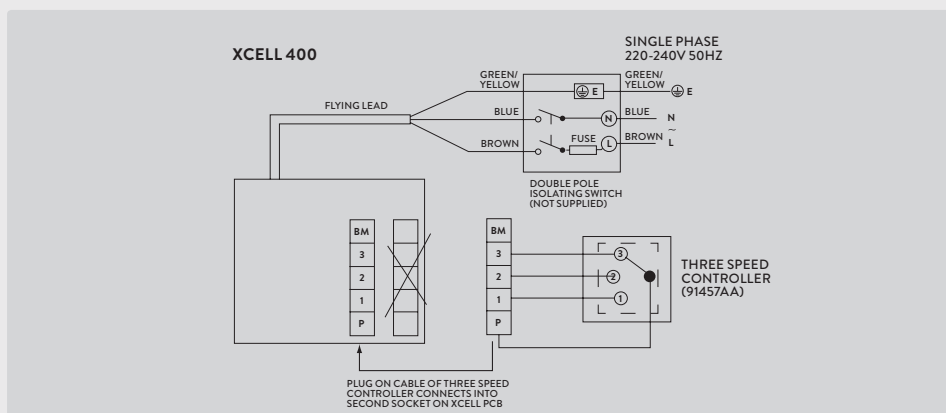
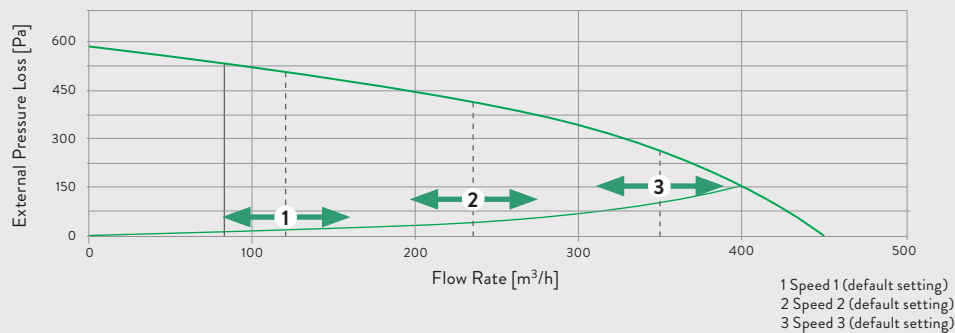


-  Atmosphere Discharge
-  Atmosphere Intake
-  Dwelling Supply
-  Dwelling Extract





Product Selector	Xcell 400QVI
Reference Number	92478AW
Maximum Extract Performance (FID, m ³ /h)	445
Extract Performance (m ³ /h @ 100Pa)	420
Maximum System Pressure (Pa – based on minimum flow rate)	530
Speeds	3
Speed Control Type	Remote DC
Noise Level (dBA@3m)	29/34/44
Power Usage @ 220-240V 50-60Hz (W)	338
Specific Fan Power (W/l/s)	0.7
Weight (kg)	35

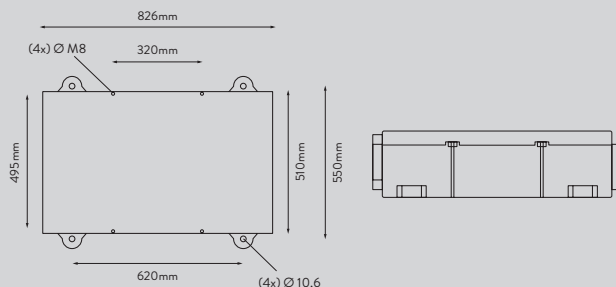


Xcell Stratum S105QVI, S155QVI & S275QVI

Compact, lightweight, low-profile horizontal heat recovery unit



Xcell Stratum heat recovery units are compact, low profile and extremely installer-friendly, being much lighter to handle than metal cased units. They incorporate a high efficiency heat recovery counterflow cell for heat recovery of up to 90%, and feature high efficiency F5 G4 filters and can be both ceiling or loft mounted. The B1 rated EPP structural material has a high U value, so no cold bridging and features integral fixing points for simple loft or ceiling mounting. Available in three variable speed performance models with winter defrost, summer bypass and multiple control feature options.

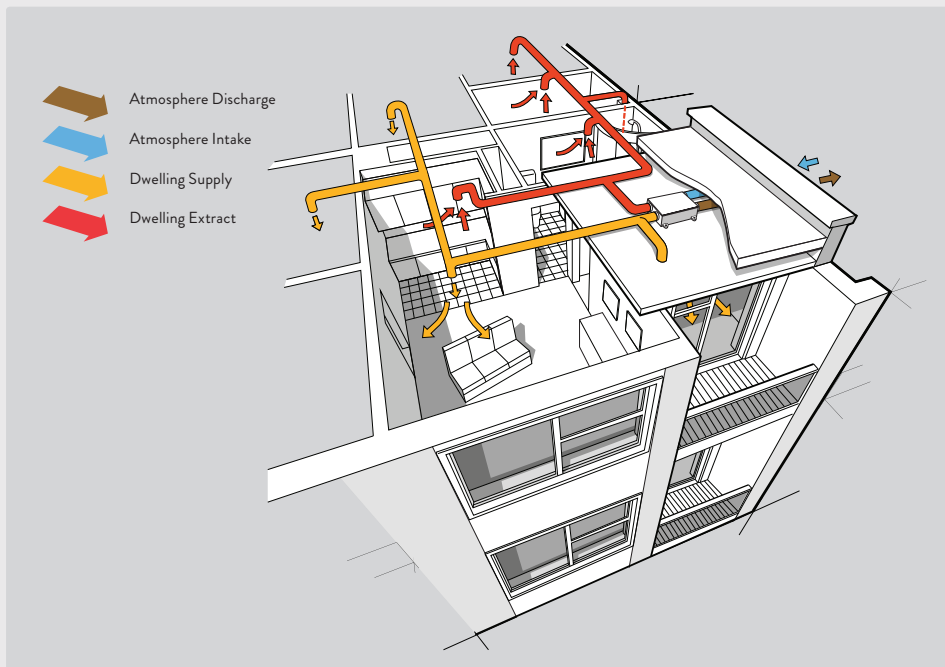


Dimensions (mm)	
Model	Height
S105QVI	170
S155QVI	240
S275QVI	305

Product Features	S105QVI	S155QVI	S275QVI
Reference Number	92919AW	92920AW	92921AW
Timer		✓	✓
88% Heat Recovery Efficiency	✓	✓	
90% Heat Recovery Efficiency			✓
Summer Bypass	✓ Software emulated	✓	✓
EC Motor	✓	✓	✓
Constant Velocity Motor	✓	✓	✓
Passivhaus Approved		✓	✓



Product Selector	S105QVI	S155QVI	S275QVI
Reference Number	92919AW	92920AW	92921AW
Motor Type	EC	EC	EC
Maximum Supply/Extract Performance (FID, m ³ /h)	105	155	275
Maximum Supply/Extract Performance (m ³ /h @100Pa)	105	155	240
Power Usage Maximum (W) 220-240V AC 50-60Hz	70	110	193
Efficiency (%)	82	88	90
Speeds (adjustable)	3	3	3
Speed Control Type	Multi-programmable	Multi-programmable	Multi-programmable
Noise (dBA@3m)	33/39/54	31/37/46	32/39/47
Spigot Diameter (mm)	125	125	160
Installation Orientation	Horizontal	Horizontal	Horizontal
Body Material	EPP B1 Fire Rated	EPP B1 Fire Rated	EPP B1 Fire Rated
Weight (kg)	10	11	12



Muro

Through-the-wall single room heat recovery ventilator



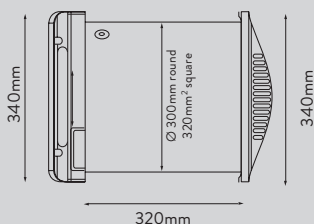
Muro is an efficient through-the-wall heat recovery ventilation unit featuring an 80% efficient counterflow heat exchanger, minimising heat loss as stale air is exhausted to improve room air quality.

Muro is typically a decentralised unit that offers extremely quiet noise levels. This makes it ideal for installation, not just in a dwelling's wet rooms, but also in living rooms and bedrooms. Due to its many possible applications, the Muro has the potential to be used as a centralised system.

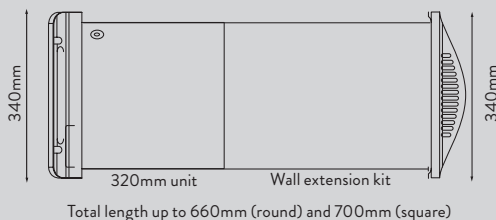
One of the most versatile units on the market, it is able to adapt to various wall thicknesses, and can be installed in either a square or round hole.



Unit only



Unit with full extendible wall kit

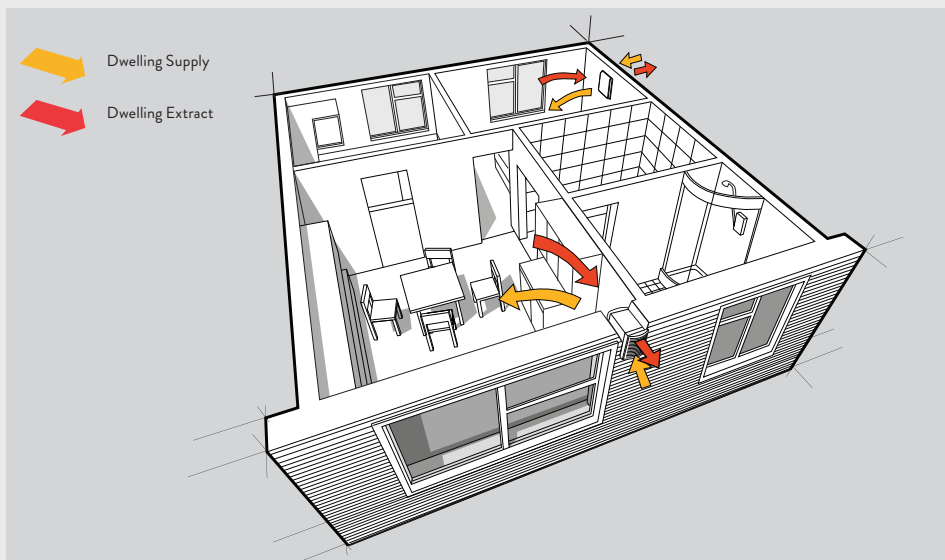


Description	Reference Number
Muro XHRM (standard UK unit with square wall kit and outer grille)	92922AW
Muro WE (standard round unit only with EnOcean enabled PCB)	92799AW
Standard square wall kit (320mm)	96760AQ
Square extension wall kit (160mm sections)	96763AA
Standard round wall kit (320-530mm)	96760AR
Round extension wall kit (350-660mm total length)	93186AC
Outside grille and mounting plate	93220AA

Passivhaus approved variants available. Information available on request.



Product Selector	Muro XHRM	Muro WE
Reference Number	92922AW	92799AW
Motor Type	DC	DC
Maximum Supply/Extract Performance (m ³ /h)	15/30/45/55	15/30/45/55
Power Usage (W) 220-240V AC 50-60Hz	3.5/9/17/25	3.5/9/17/25
Efficiency (%)	80 – 83	80 – 83
Speeds	4	4
Speed Control Type	Integral	Integral
Sound Pressure (dBA @ 1m) Speeds 1, 2, 3 & 4	15/25/33/39	15/25/33/39
Wall Cutout (mm)	320 x 320	320 x 320
Installation Orientation	Horizontal	Horizontal
Wall Sleeve Material	EPP	EPP
Weight (kg)	4	4
Frost Protection	✓	✓



Systems

The EPP wall kit extension pieces are able to be cut to size according to application, making fitting the unit easy for the installer.



ANCILLARIES

See pages 114-128

www.xpelair.co.uk/international

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EverDri XEL & XEW

Long-life positive pressure ventilation units



The EverDri system is based on a continuous supply of fresh, dry air into the entire home. This creates a positive pressure which forces moisture and contaminant laden air out through natural leakage points in the building. The long-life, low-energy DC motor contained in the system is permanently switched on and automatically temperature regulated to ensure continual air quality. The Ultra DC motor means that very low running costs can be achieved, while maintaining outstanding efficiency.



The effects of moisture created by everyday living can quickly lead to the deterioration of the fabric of a building. Cooking, washing, showering and breathing all create water vapour. Without a home being able to 'breathe', this moisture has nowhere to go.



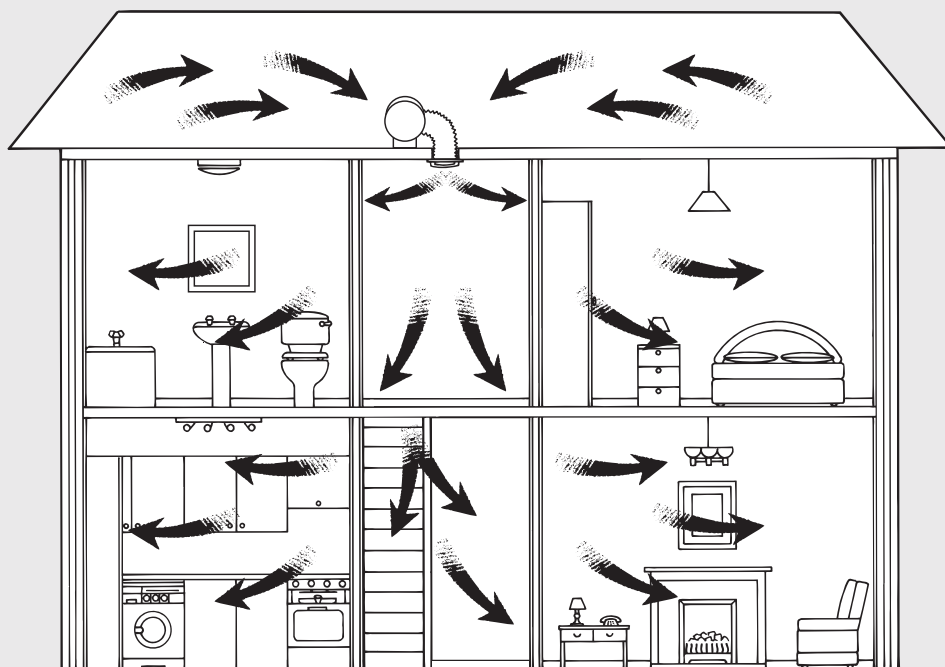
Mould growth on cooler surfaces like window frames, and in unvented spaces such as the back of wardrobes, not only looks bad – it can be bad for occupant health too.

Product Features	XEL	XELH	XEW	XEWHL	XEWHR
Reference Number	93063AA	93064AA	93067AA	93065AA	93066AA
Loft Mounted	✓	✓			
Wall Mounted			✓	✓	✓
Integrated Heater		✓	✓	✓	✓
Left Hand Discharge			✓	✓	
Right Hand Discharge			✓		✓



EverDri XEL & EverDri XELH (at 19 – 23°C loft temperature)						
Fan Speed	1	2	3	4	5	6
Airflow (l/s)	30	35	42	52	62	70
Power (W)	3.6	4.2	5.2	7.5	11.2	15.3

	EverDri XEWHR & EverDri XEWHL				EverDri XEW		
Fan Speed	Low	Med	High	Boost	Low	Med	High
Airflow (l/s)	13.2	18.7	22.7	35.2	12.5	18.2	21.8
Power (W)	5.1	8.3	12.8	47.2	3.1	5.7	9.4



XEL/XELH – Loft unit installed in a house.





Air Comfort Ventilation Solutions

Models	Ventilation Type	Page Number
Digitemp WA & WHP	Comfort air conditioning and heating units	102
WH30, WH60 & WHP30	Commercial wall-mounted fan heaters	104

Domestic

Commercial

Systems

Air Comfort

Air Purification

Ancillaries

Digitemp

Comfort air conditioning and heating units



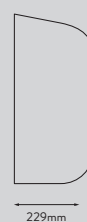
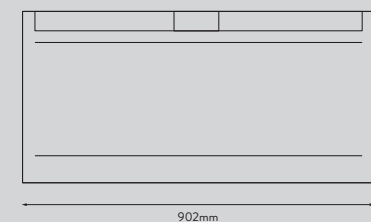
The Digitemp range offers year-round climate control for a range of domestic and commercial applications. The revolutionary self-contained design allows it to be installed easily from the inside with the use of two 6" grilles and flexible PP sheets supplied, eliminating the need for an unsightly outdoor condensing unit and making it particularly useful for high-rise applications. As well as heating and cooling, all units feature a dehumidification function.

The Air model has a very discreet design with a depth of only 164mm and features very low noise levels, making it ideal for domestic use in bedrooms and home offices.

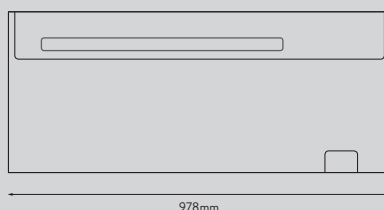
The WHP model is capable of heating and cooling larger areas, making it ideal for commercial applications such as hotel rooms, as well as domestic applications like conservatories and extensions. The Inverter model features intelligent speed control, ensuring that the unit only runs at the speed required to potentially save up to 30% in power consumption compared with traditional on/off operation.



Air Comfort



WHP/Inverter model



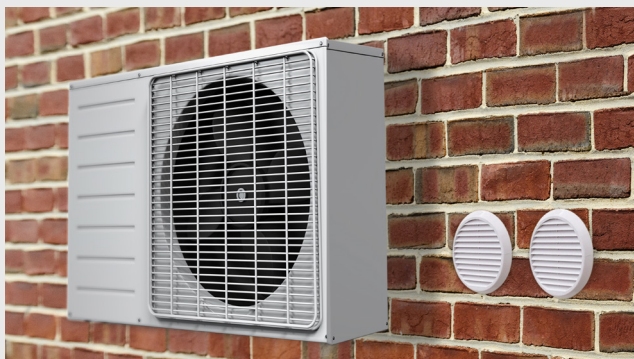
Air model

Product Features	AIR8HP	INV12HP	WHP24SN
Reference Number	93251AA	93218AA	92724AA
Heating & Cooling	✓	✓	✓
Dehumidification	✓	✓	✓
1.8kW	✓		
2.7kW		✓	✓



	AIR8HP	WHP245N	INV12HP
Reference Number	93251AA	92724AA	93218AA
Nominal Cooling Capacity (kW)	1.8	2.7	2.7
Cooling Power (Min/Max)	–	–	1.8/3.1
Nominal Heating Capacity (kW)	1.7	2.5	2.7
Heating Power (Min/Max)	–	–	1.8/3.0
Nominal Power Consumption For Cooling (kW)	0.7	1.0	1
Power Consumption For Cooling (Min/Max) (kW)	–	–	0.58/1.4
Rated Absorbed Power in Heating Mode (kW)	0.5	0.8	0.8
Energy Efficiency Class in Cooling Mode	A	A	A
Energy Efficiency Class in Heating Mode	A	A	A
COP	3.1	3.1	3.2
Dehumidification Rate (l/hr)	0.6	1.1	1.1
Fan Speed Settings	3	3	3
Airflow Rate in Cooling Mode (m3/hr)	215/180/150	490/430/360	490/430/360
Airflow Rate in Heating Mode (m3/hr)	215/180/150	450/400/330	490/430/360
Sound Pressure dBA@2M (Min/Max)	27 – 38	29.5 – 38.5	33 – 43
Refrigerant Gas	R410A	R410A	R410A
Power Supply (V)	230	230	230
Power Supply (Hz)	50	50	50
Diameter of Wall Holes (mm)	162	162/202	162/202
Maximum Remote Control Range (m/angle)	8 / +/- 80deg	8 / +/- 80deg	8 / +/- 80deg
Dimensions Without Packaging (mm)	978 x 491 x 164	902 x 526 x 229	902 x 526 x 230
Dimensions With Packaging (mm)	1060 x 595 x 250	980 x 610 x 350	980 x 610 x 350
Weight Without Packaging (Kg)	37	40	40
Weight With Packaging (Kg)	41	44	43

Air Comfort



Typical split-system air conditioner

Digitemp

ANCILLARIES

See pages 114-128

www.xpelair.co.uk/international

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WH30, WH60 & WHP30

Commercial wall-mounted fan heaters

WH30



WHP30



WH60



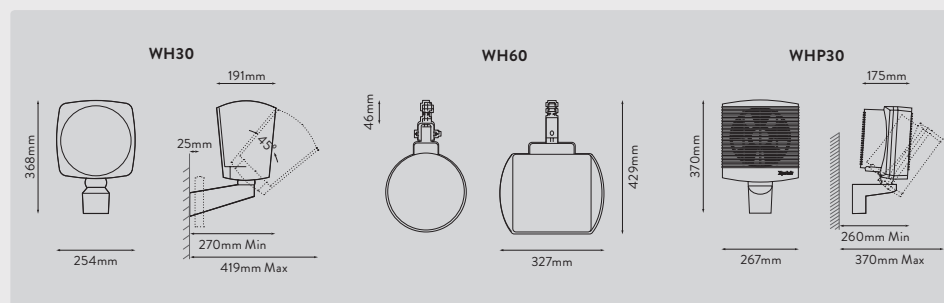
The Xpelair WH range of space wall heaters are tough, compact and have stood the test of time to remain market leaders. The WHP30 is suitable for commercial applications such as shops, offices, domestic workshops and conservatories. WH30 and WH60 models provide robust and rugged heating solutions suitable for the most demanding industrial environments. The WH range comes complete with mounting brackets along with thermal safety cut-out. WHP30 and WH30 models are controlled by HC301 On/Off thermostatic controller.

✓
E-P



✓
CE

Air Comfort



Product Features	WH30	WH60	WHP30
Reference Number	98392AC	00147AC	89999AW
	3kW industrial fan heater Compact wall-hung design Heavy-duty steel casing with die-cast aluminium guards Spiral-wound Nichrome wire element Metal wall bracket Multi-directional positioning – 180° horizontal swivel and 45° vertical tilt then locked in position Wall bracket cover Double safety feature of thermal cut-out with auto-reset and one-shot fusible link Single-phase product For cool air circulation facility and thermostatic heating control, use HC301 controller (not supplied)	6kW industrial fan heater Wall or ceiling mounting with multi-directional positioning – 180° horizontal swivel and 45° vertical tilt then locked in position Suitable for single and three-phase supplies Operated by remote switch (not supplied)	3kW commercial fan heater Fan heater complete with HC301 thermostatic controller Compact wall-hung design Flame-retardant polycarbonate / glass-filled nylon casing Spiral-wound Nichrome wire element Grey wall bracket Multi-directional positioning – 180° horizontal swivel and 45° vertical tilt then locked in position Double insulated with two thermal cut-outs Finished in a white and grey casing Single-phase product For cool air circulation facility and thermostatic heating control, use HC301 controller (included)

Product Selector	WH30	WH60	WHP30
Reference Number	98392AC	00147AC	89999AW
Remote Switch (not supplied)	✓	✓	
Electrical Power (kW)	3	6	3
Phase	1	1 or 3	3
Air Delivery (m ³ /h)	274	311	300
Air Delivery (l/s)	76	86	83
Temperature Increase (°C)	26	45	30
Weight (kg)	5	6.5	2.9





Air Purification

Models	Ventilation Type	Page Number
PureLife Infant Air Purifier	Compact air purifier for use in rooms up to 14m ²	108
PureLife Family Air Purifier	Air purifier for use in rooms up to 16m ²	110

Domestic

Commercial

Systems

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Air Purification

Ancillaries

PureLife Infant Air Purifier

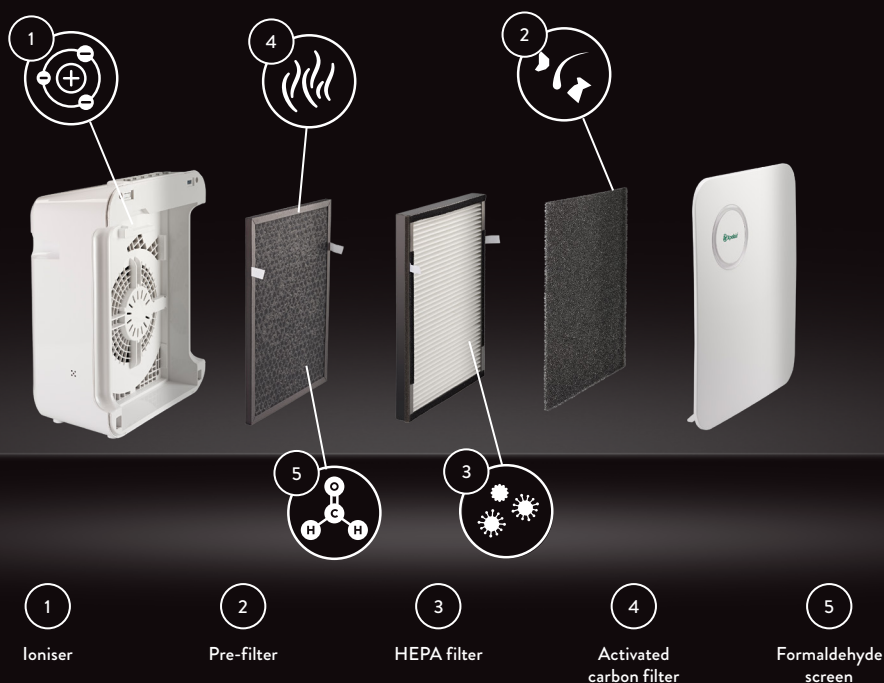
Compact air purifier for use in rooms up to 14m²



The PureLife Infant Air Purifier from Xpelair has been designed to provide protection against household allergens for babies and infants.

Its unique LifeCycle five-step filtration system: ioniser, pre-filter, HEPA filter, active carbon filter and formaldehyde screen – ensures that your baby is always breathing clean air free from allergens and bacteria.

PureCycle 5-stage air purification process



Product Selector	AP100
Reference Number	93148AA
Air Quantity (m ³ /h)	141
Sound Pressure Level (dBA)	26/40/43/46
Room Size (m ²)	14
Voltage, Frequency	220 – 240V, 50Hz
Power Consumption (W)	48
Weight (kg)	4.2
Dimensions (mm – LxWxH)	310 x 180 x 388

Air quality sensor detects the concentration of odours and displays blue, orange or red to indicate air quality.



Innovative 'sleep' mode activates near-silent operation and switches off obtrusive operating lights.

Three speed options – low, medium, high – to adjust intensity and quickly purify rooms with poor air quality.

Timer function switches unit off after pre-set time, which can be set for up to eight hours.



PureLife Family Air Purifier

Air purifier for use in rooms up to 16m²



The PureLife Family Air Purifier from Xpelair has been designed to rid your home of pollutants, allergens and bacteria for complete protection for your family.

It features Xpelair's unique LifeCycle filtration system to remove everything from pet hair to tobacco smoke particles. With its five-step filtration process: ioniser, pre-filter, HEPA filter, active carbon filter and formaldehyde screen – the Family Air Purifier can be relied upon to leave the air in your home clean and fresh.

PureCycle 5-stage air purification process



Product Selector	AP200
Reference Number	93147AA
Speeds	4
Air Quantity (m ³ /h)	161
Sound Pressure Level (dBA)	26/42/44/47
Room Size (m ²)	13 (16)
Voltage, Frequency	220 – 240V, 50Hz
Power Consumption (W)	45
Weight (kg)	4.5
Dimensions (mm – LxWxH)	320 x 200 x 495



Lightweight, easy to carry unit with stylish design.

Timer function switches unit off after pre-set time, which can be set for up to eight hours.

Air quality sensor detects the concentration of odours and displays blue, orange or red to indicate air quality.

Four speed options – very low, low, medium, high – to adjust intensity and quickly purify rooms with poor air quality.

Filter indicator alerts user when filters need changing or cleaning to maintain maximum performance.



Air Purification





Ventilation Ancillaries

Xpelair Domestic, Commercial, System and Commercial System ventilation products are supported by a full range of compatible switches, sensors and controllers for adjustment and operation of ventilation management. To complete installation, Xpelair also offer flexible and rigid ducting systems in several sizes and a comprehensive range of grille outlets and installation kit accessories.

Domestic

Commercial

Systems

Air Comfort

Air Purification

Ancillaries



Sensors and Switches Models



**ConneX GX6 EC3
RF Controller**

92790AW

Suitable for use with GX6 EC3 RF models only. For use with up to 10 fans.



**ConneX GX9/12
EC3 RF Controller**

92792AW

Suitable for use with GX9/12 EC3 RF models only. For use with up to 10 fans.



**ConneX GX6 EC3R
RF Controller**

92791AW

Suitable for use with GX6 EC3R RF models only. For use with up to 10 fans.



**ConneX RF
Controller**

92796AW

2-speed RF controller for use with Xplus 2 EC RF | Trickle and timed boost (adjustable at installation)



Change Over Switch

COS

90108AW

Used to select between high and low speed operation | Surface or recess mounting | Used with: DX400, DX400T, DX400RS | Xplus 2, Xcell 150, 200, 600 | w85 x h85mm



MS2

23513AW

2-speed selector (normal or boost) | Surface or Recess mounting | w100 x h86 x d45mm



Manual Override Switch

MOS

90199AW

Switch 1: high/low speed | Switch 2: On/Off (or Off/tricklevent according to fan option selected) | Surface or recess mounting | Used with: Premier DX200 and Premier DX400, DX400RS in conjunction with XRH | Remote Humidistat | w85 x h85mm



Time Delay Controller

DT20B

21850AW

Fan switches on with the lighting circuit | Ventilation run-on period after the light has been switched off | User adjustable up to 20 min | Surface or recess mounting | Supply voltage 220-240V 50Hz | Use with: GX6, GX9, GX12, WX6, WX9, WX12, PX6, PX9, PX12, RX6, RX9, RX12, DX200, DX400, DX100, XIL, CMF, CX10, LoVolt DX100 | w100 x h86 x d45mm | Delay timer period 30 sec – 20 mins | Amp inductive load 2.5A @ 240V AC



Remote Humidistat

XRH

21856AW

Stand alone humidistat switches on when RH rises to preset level and off when it declines | Fan operation indicator light | Pullcord operated override switch | Surface or recess mounting | White finish | Supply voltage 220 – 240V 50Hz | Use with: GX6, GX9, GX12, WX6, WX9, WX12, PX6, PX9, PX12, RX6, RX9, RX12, DX200, DX400, DX100, XIL, CMF, CX10, GX6 | w160 x h86 x d45mm | Amp inductive load 2A @ 240V AC



Xplus X3SC

91457AA

3-speed control switch suitable for Xplus 2 models.

Sensors and Switches Models



Controller HC301 21877AW

On/Off switch | Fan only/fan and heater options | Variable thermostatic control | Suitable for surface or recess installation | Colour: white | Used with WH30 and WHP30 | w210 x h86 x d41mm



Air Quality Sensor AQS 92097AW

Provides fully automatic control | Detects contaminants such as cigarette smoke, body odours, toilet odours and cooking smells | Activates ventilation system when preset threshold level is exceeded | Can control up to six fans and accessories | Integral timer adjustable from 3 – 30 mins | LED status indicator | Surface or recess mounting | Supply voltage 220–240V 50Hz | w160 x h86 x d41mm | Amp inductive load 3A @ 240V AC | Alarm connection has maximum inductive load of 0.3A @ 240V AC



LoVolt Remote Humidstat

LVH 21863AW

A 12V SELV LoVolt humidistat | Switches automatically when the relative humidity reaches an adjustable pre-set point and switches off when the relative humidity drops | Pullcord override | Suitable for ambient temperatures up to 40°C | Use with: Premier LoVolt DX200, LoVolt DX100 | w160 x h86 x d45 mm



Single Fan Controller

FR22/30 21868AW

Sliding switches | On/Off | 2 speeds: low – high speed | Extract – intake airflow | Power 'On' indicator | For surface or recess mounting | Supply voltage: 220 – 240V 50Hz | Gloss white | Use with: GX9, GX12, WX9, WX12, PX9, PX12, RX9, RX12 | w210 x h86 x d41mm



Single Direction Group Fan Controller

XCC1 21859AW

Sliding switches and speed control knob On/Off | Infinitely variable speed control | Single direction: extract or intake selected at installation | Power 'On' indicator | For surface or recess mounting | Supply voltage: 220 – 240V 50Hz | Gloss white | Use with: GX9, GX12, WX9, WX12, PX9, PX12, RX9, RX12 | Note: do not mix fan size. For use with up to 4 – size 12 or 6 – size 9 fans units | w160 x h86 x d45mm



Reversible Group Fan Electronic Controller

EC6H 21854AW

Sliding switches and speed control knob On/Off | Infinitely variable speed control | Extract – intake airflow | Power 'On' indicator | For surface or recess mounting | Supply voltage: 220 – 240V 50Hz | Gloss white | Use with: GX9, GX12, WX9, WX12, PX9, PX12, RX9, RX12. Note: do not mix fan size. For use with up to 4 – size 12 or 6 – size 9 fans units | w160 x h86 x d45mm



Inline Fan Controller

XIC1 21858AW

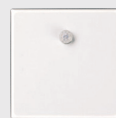
For fine tuning airflows | Slide switch provides: On/Off | Adjustable control for infinitely variable speed | Power 'On' indicator light | Surface or recess mounting | Colour: white | w160 x h86mm | Amp inductive load 2A @ 240V AC



Timer and Boost Switch

TBS 90202AW

Provides switching between humidity control/manual operation | Provides selection of high/low extract speed | Surface or recess mounting | Used with: GX6HT2 | w85 x h85mm



Passive Infrared Sensor

XPIRA 21871AA

Position to switch the fan on when body movement is detected. Ideal for infrequently used public spaces | Built-in run-on timer to avoid nuisance tripping | For indoor use only | Use with: GX6, GX9, GX12, WX6, WX9, WX12, PX6, PX9, PX12, RX6, RX9 & RX12, Premier DX200, DX400, DX100, CMF, CX10, GX6 | w86 x h86mm

Sensors and Switches Models



**QCO2 indoor
air quality**

96003AA

Monitors indoor air quality | Sensor for the Xcell QVW & QVI models | Surface mounting | w80 x h120 x d31mm



Q3SP

96005AA

3-speed selector (trickle, normal or boost) | Controller for Xcell QVW model | Surface mounting | Filter inspection indicator | Motor failure indicator | w74 x h74mm



**QHS Humidity
Sensor**

96040AA

Detects humidity | Sensor for the Xcell QVW & QVI models | Surface mounting | w85 x h100 x d26mm



**ACS WJR
RF controller
and sensor**

96051AA

For central control using RF radio frequency to control multiple units | For use with Muro XRHM unit



**AQ DL 50
Air quality/
humidity sensor**

96050AA

Air quality/humidistat sensor providing infinitely variable control between 10 – 45 m³/h | For use with Muro XRHM unit

Sensors and Switches Models



Ceiling Fan Controller

AWC	21857AW
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De-stratification temperature controller supplied with two thermo sensors at high/low level monitoring between preset minimum and maximum values. For the simultaneous speed control of 1 to 10 Whispair units.



Ceiling Fan Controller

WAC1	21852AW
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Single fan controller



Ceiling Fan Controller

WAC6	21853AW
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Group fan controller

WAC6R	21878AW
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Group fan reversing controller



**Starter and Thermal
Overload Protection STP**

STP1 Single phase

0.4 – 10A	91372AA
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STP2 Three phase

0.1 – 25A	91373AA
------------------	----------------

For single-phase fans with thermal contact, leads wired to a terminal block and single speed three phase fans with thermal contacts. Used with motors of higher performance where the thermal contacts or PTC thermistors are wired to the terminal block and must be connected to a motor protection device | On/Off push button operations | Manual reset after failure (not after power loss) | Volts free contact for connection of alarm | IP55 enclosure | Surface mounting | w80 x h150 x d98mm



**5-Step Transformer
Speed Controller T1/T3**

Single phase

T1-1.5A IP54	91367AA
T1-3.5A IP54	91368AA
T1-6A IP54	91369AA
T1-7.5A IP54	91370AA
T1-12A IP21	91371AA



Three phase

T3-1A IP54	91361AA
T3-2A IP54	91362AA
T3-3A IP54	91363AA
T3-5.2 IP54	91364AA
T3-7A IP21	91365AA
T3-14A IP21	91366AA

In single and 3 phase suitable for speed control of all speed controllable fans | Robust light grey ISO sealed casing | Rotary switch | Fully integrated transformer ISO class II, T40 E conforms to VDE 0550 | Max. ambient temp. +40°C | Automatic reconnection after mains failure | Integrated status signal lamp | Surface mounting




Profile 25M & 29 Ducting – Flat metal and rigid plastic ducting systems Models

Product Profile 25 (230mm X 25mm)

FMD Flat ducting 2.4 metre length		89758AA
FMH90 Horizontal 90° bend		89759AA
FMTB Transition/air brick		89760AA
FMP Plenum box		89761AA
FMV90 Vertical 90° bend		89762AA
FMC Coupling (boxed in 6s)		89764AA















Product Profile 29 (234mm x 29mm)

XFV90 Vertical 90° bend		91110AA
XFV45 Vertical 45° bend		91111AA
XFEP Elbow bend/plenum 100mm spigot (female)		91112AA
XFRR Round to Rec adaptor 100mm spigot (female)		91113AA
XFS Support clip (packs of 10)		91114AA
XFLAA Long airbrick adaptor		91102AA
XFAF Airbrick fascia terracotta		91103AA
XFAS Airbrick soldier course		91246AA
WD100 100mm Ø wall duct		89543AA

XFD Flat channel duct		1m	91104AA
		1.5m	91105AA
		2m	91106AA
XFC Flat channel connector			91107AA
XFH90 Horizontal 90° bend			91108AA



Profile 54, 60 & 90 Ducting – Rigid plastic flat ducting systems Models

			Product Profile 54 (110×54mm)		Profile 60 Dims (204×60mm)		Profile 90 Dims (220×90mm)	
Flat ducting		1m	FPD5150		FPD100	89755AA	FPD9100	92325AA
		1.5m		92451AA	FPD150	91188AA	FPD9150	92315AA
Coupling			FPC5	92452AA	FPC	89757AA	FPC9	92316AA
Mounting Bracket			FPB5 (per box of 10)	92519AA	FPB (per box of 10)	89756AA	FPB9 (per box of 10)	92314AA
Horizontal 90° bend			FPH590	92453AA	FPH90	89754AA	FPH990	92317AA
Horizontal adjustable bend			FPH545	92456AA	FPH45	89750AA	FPH945	92319AA
Vertical 90° bend			FPV590	92454AA	FPV90	89753AA	FPV9590	92318AA
Vertical 45° bend			FPV545	92517AA	FPV45	92537AA	FPV945	92545AA
T Piece			FPT5	92455AA	FPT	90091AA	FPT9	92515AA
Flexible Ducting 0.5m			FPF5	92510AA	FPF	91484AA		
Plenum bend		100mm Ø	FPP5100	92457AA	FPP100	89752AA		
		125mm Ø			FPP125	91259AA	FPP125	92321AA
		150mm Ø			FPP150	91483AA	FPP150	92322AA
Round to rectangular adaptor			PRA5	92511AA	PRA	91482AA	PRA9	92320AA
Fire damper collar			PBF5	92514AA	FBF	91975AA	FBF9	92516AA
Air brick adaptor		Single	FPA5	92513AA	FBA6	92313AA		
		Double			FPA	92573AA	FPA9	92323AA
Wall outlet grille		Single			FPG	89751AA		
		Double			FPG9	92324AA	FPG9	92324AA

Ducting Models



Flexible Ducting Xflex FD

	Dia (mm)	Length (m)	
FD100	100	3	89663AA
		6	89669AA
FD125	125	3	89664AA
		6	89670AA

Commercial Diameters

FD150	150	3	89665AA
		6	89671AA
FD200	200	3	89666AA
		6	89672AA
FD250	250	3	89667AA
		6	89673AA
FD315	315	3	89668AA
		6	89674AA

Glass fibre fabric on a PVC coated close pitch steel wire helix. 54 minute fire integrity from within as measured to BS 476: Part 20 - (1987) | Can be interlocked and sealed with duct tape to form an airtight seal | Attached to spigots using worm drive clips



Insulated Circular Plastic Ducting

	Dia (mm)	Length (m)	
CPDN125	125	2	91474AA
CPDN150	150	2	91475AA

Uninsulated Circular Plastic Ducting

	Dia (mm)	Length (m)	
CPDN100	100	2	92538AA
CPDN125	125	2	92539AA
CPDN150	150	2	92540AA



New Aluminium Flexible Ducting Xflex ALU

	Dia (mm)	Length (m)	
ALU100	100	10	91435AA
ALU125	125	10	91436AA
ALU150	150	10	91437AA

Commercial Diameters

ALU200	200	10	91438AA
ALU250	250	10	91439AA
ALU315	315	10	91440AA
ALU400	400	10	91441AA

Tough foil construction on a high strength wire helix | Over 40 minute fire rating BS 476: Part 20 (1987)



Insulated Circular T-pieces

	Dia (mm)	
ICT125	125	91476AA
ICT150	150	91477AA

Uninsulated Circular T-pieces

	Dia (mm)	
ICTN100	100	92550AA
ICTN125	125	92551AA
ICTN150	150	92552AA



Thermal Flexible Ducting Xflex TFD

	Dia (mm)	Length (m)	
TFD100	100	10	91459AA
TFD125	125	10	91460AA
TFD150	150	10	91461AA

Commercial Diameters

TFD200	200	5	89850AA
		10	91462AA
TFD250	250	5	89851AA
		10	91463AA
TFD315	315	5	89852AA
		10	91464AA

Double skinned insulated aluminium duct with high density fibreglass insulation to minimise condensation formulation | 25 minute fire integrity from within as measured to BS 476: Part 20 - (1987)



Insulated Circular Plastic 45° Bends

	Dia (mm)	
CPE125	125	91480AA

Uninsulated Circular Plastic 45° Bends

	Dia (mm)	
CPEN100	100	92542AA
CPEN125	125	92543AA

Ducting & Accessories Models



Insulated Circular 90° Bends

	Dia (mm)	
CPDN100	100	92538AA
CPDN125	125	92539AA



Y Piece Splitters YPS

	Duct Dia (mm)	
YPS1	100x100x100	91281AA
YPS1.25	100x100x125	92243AA
YPS2	100x100x150	91282AA
YPS3	125x125x125	91283AA
YPS4	125x125x150	91284AA
YPS5	150x150x150	91285AA
YPS6	150x150x200	91286AA
YPS10	250x250x250	91290AA
YPS11	250x250x300	91291AA

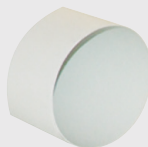
Fire retardant ABS moulded splitters |
Leading lip for improved fixing to flexible
ducting | Space saving two component
construction



Autoflow 100

Passive Air Input Unit	91296AW
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Self regulating, adjusts airflow with outside
temperature | Range -5 – +10°C | White
ABS material | Telescopic wall tube 270mm



Circular Plastic Connectors

	Dia (mm)	
CPC100	100	92535AA
CPC125	125	91485AA
CPC150	150	91486AA



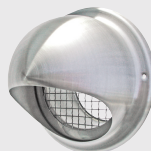
Profile 150 Wall Cowl 92436AA

Black metal wall cowl with square mesh



Profile 150 Roof Cowl 91277AA

Complete with flashing for roof pitches
25 – 45°C | For Xcell MVHR installations
(2 required)



Bull-nose Vent Grille

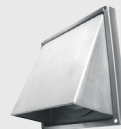
BVG100SS	92486AA
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100mm dia stainless steel



Circular Plastic Adaptors

	Dia (mm)	
CPA125/100	125	91487AA
CPA150 /125	150	91488AA
CPA180/150	180	92520AA
CPA200/150	200	91489AA



Coweled Outlet

CO100SS	92484AA
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100mm dia stainless steel with non-return flap

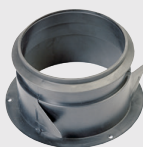


Wall Grille Gravity Vent

GV100SS	92485AA
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100mm dia stainless steel

Accessories Models



Extract Grilles

For use in en-suites, bathrooms, kitchens and utility rooms.

RegulAir ceiling spigot XECS

Factory set to the exhaust volume requirement for a room | No site balancing is necessary and the performance cannot be tampered with after insulation | Pushed into the 125mm ceiling adaptor after decorating is complete as part of the second fix | Additional fixings not necessary | Complete with rubber seal

RegulAir XEE 8-16 bathroom/ utility grille	91442AA
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Preset volume regulator. 8l/s trickle ventilation | Electric damper opens to 16l/s



Circular Air Valves CAV

	Dia (mm)	
CAV100	100	89682AA
CAV125	125	91490AA
CAV150	150	89683AA

Valve has adjustable centre disc | Multi-inlets/outlets | Flexible ducting (FD) can be terminated at the valve

Circular Air Valves CAV FD

	Dia (mm)	
CAV125FD	125	91495AA

Circular air valve with integral fire damper



Wall Ducts WD

	Duct Dia (mm)	
WD100	100	89543AA
WD125	125	89703AA
WD150	150	89704AA
WD200	200	89705AA
WD250	250	89706AA
WD315	315	89707AA

For bridging cavities or lining solid exterior walls



Glass Mounting Kits GMK & DXDG

GMK	90546AA
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Used for installing Premier DX200 and CF20 models in a window | Glass thickness: 4 – 28mm

DXDG	07439AA
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Allows DX100/LV100 to be mounted in double-glazed panels from 6 – 46mm thick



Input Grilles

For use in bedrooms, halls and living rooms etc.

RegulAir XEI 125 input grille	91451AA
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Hinged diffuser 125 with a distribution pattern allowing installation in the corner of the room | 125mm diameter to fit into RegulAir ceiling adaptor | Also available in 100mm dia

RegulAir XEI 100 input grille	91450AA
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XEV8 8l/s	91448AA
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RegulAir XEV induct constant airflow valve | Duct mounted regulator maintains a constant return flow volume to bedrooms etc. | Fits 125mm Profile 150 or Xflex duct



Condensation Trap XCT100

XCT100	89749AA
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For use with 100mm dia ducting | Prevents condensed water running back down the duct towards the fan in vertical PVCu pipe ducted applications (not suitable for use in a flexible duct run) | Collected water must be piped to a convenient disposal point | Colour: Grey | 20mm drain off point | Material: PVCu | Length: 85mm

Accessories Models



Worm Drive Clips WDC

	Dia (mm)	
WDC5	100 – 125	89684AA
WDC8	150 – 200	89685AA
WDC13	250 – 315	89686AA

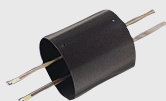
Steel clips for connecting flexible ductwork to spigots | Supplied in packs of 10



Ceiling Kit XCMK

XCMK	90066AA
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Allows a sealed ceiling mounting of ducted products | Compete with ceiling adaptor tube 105.7mm dia, rubber gasket and foam strip | Used with: Premier DX200, DX400



GX Wall Kits WK

	Dia (mm)	
WK6/8	200 (GX6)	89369AA
WK6/11	280 (GX6)	89370AA
WK9/8	200 (GX9)	89371AA
WK9/11	280 (GX9)	89372AA
WK12/8	200 (GX12)	89373AA
WK12/11	280 (GX12)	89374AA

For bridging cavity walls and lining double brick walls | Steel wall liner | Length: 200mm and 280mm | Set of 508mm ladder strips



Premier Grease Filters PDXGF

Premier 200 range

PDXGF	90548AA
PDXGF4	91145AA

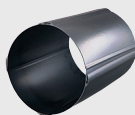
For Premier units in kitchen applications | Fits behind the inlet | Material: self extinguishing black polyester foam



Vent Cowl VC

VC10	89531AA
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Provides weather protection for a 100mm PVC rigid ducted outlet | Pushfit and should be secured with solvent adhesive | Material: PVCu | Colour: Grey | Used with: Premier DX200, DX400, DX100 axial models in exposed situations | Cowl diameter: 200mm | wØ201 x h101 x inner Ø110mm



Extendable Interlocking Wall Kits WK6

WK6/300	90085AA
WK6/450	90086AA

For bridging cavity wall constructions, or lining solid double brick walls | Interlocking facility to build up to required length | Available in 300mm or 450mm lengths | Complete with 508mm ladder strips

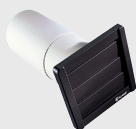


Air Replacement Door Grilles DG-W DG-B

	Colour	
DG-W	White	89529AA
DG-B	Brown	89530AA

Tight closing bathroom/toilet doors prevent air circulation to the fan | Air replacement grilles permit air to flow into the room with the door shut | Slimline design | Consists of two grilles and fixings | Minimum door thickness 35mm | Dimensions: w454 x h90mm overall, w435 x h77mm hole

Accessories Models



**Wall Vent Kit
VK10** 89120AW

To bridge a cavity or line a solid wall hole | Complete with wall duct (WD), 155mm square external back-draught shutter, foam strip and wall fixings | Grille w155 x h155mm | Wall hole Ø117mm



Exterior Storm Cowl XXSCW & XXSCB

	Colour	
XXSCW	White	90461AW
XXSCB	Brown	90462AB

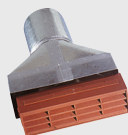
Provides protection against severe backdraughts and water ingress | Fitted with gravity flap damper | Wall mounted | 100mm spigot | Used with: 100mm axial fans



Fire Damper XFC

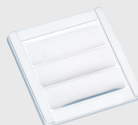
	Dia (mm)	
XFC100	100	89843AA
XFC125	125	89844AA
XFC150	150	89845AA
XFC200	200	89846AA

For ducts, walls and ceilings | Should not be fitted into flexible ducting | Wall or duct in which XFC is fitted should have a rated fire integrity in accordance with Building Regulations Part B | Provides full 1 hour fire check | Closing temperature 72°C | Low temperature drop | Tested at Warrington Fire Research Centre to BS476 Part 20



**Airbrick Adaptor
XAA** 89777AA

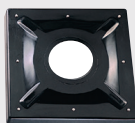
A fabricated GSM 340mm sleeve to bridge a cavity and line a solid wall | Connects to 100mm duct | Includes an air brick | GSM adaptor | Used with all 100mm fans | w220 x h65 x d340 Ø100mm



Wall Grille Gravity Shutter XXWGW

Colour	
Grey	89687AA
White	89538AA

Protected duct outlet fitted with gravity flaps | Ø100mm connection | Dimensions: w155 x h155 x d15mm



Roof Mounting Plates XRP

XRP6 (RX6)	00370AK
w592 x h542 x d89 Ø105mm	
XRP9 (RX9)	00371AK
w774 x h774 x d101 Ø257mm	

Provides effective and secure installation in flat roof applications | Flame-retardant resin bonded fibre glass | Requires the installer to build a kerb onto which plate is fixed | Always use sealant to bed in the outer cowl seal for weatherproof joint | Colour: black



Wall Kit XXSWK4 90333AW

100mm wall kit consists of wall duct, internal and external grille foam strips and wall fixings | Used with: XXS100 | Wall hole Ø117mm



Louvred Wall Grille LG

	Dia (mm)	
LGW125	125	91492AA
LGB125	125	91493AA

Available in white and brown



Wall Grille CFWG

	Colour	
CFWG100	Grey	89215AB
CFWG100	White	89742AW
CFWG150	Grey	89690AB
CFWG150	White	89857AW

Surface-mounted exterior wall outlet grille | For use with 100mm/150mm nominal size ducting | Fixing screws provided | Use with: 100mm axial variants | Dimensions: w150 x h150 x d13mm (CFWG100), w217 x h217 x d24mm (CFWG150)

Accessories Models



Termination Ducting Kit WT

	Dia (mm)	
WT10	100	89538AA
WT15	150	89687AA

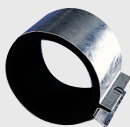
For through-wall application | Complete with exterior grill, wall duct and spigot plate | Ducting can be attached to spigot | Wall hole Ø117mm



Darkroom Cowl DC9

98409AK

For use in scientific and photographic applications | Replaces the outer grille on GX9 and GXC9 models | Roof, window or wall mounting | Hole Ø257mm | Colour: black | Use with: GX9, GXC9. w475Ø d144 x 117mm



Solid Duct Fasteners XMK

	Duct Dia (mm)	
XMK100	100	89618AA
XMK125	125	89619AA
XMK150	150	89620AA
XMK200	200	89621AA
XMK250	250	89622AA
XMK315	315	89623AA

For connecting XID and XIDP fans to rigid ductwork | Supplied in pairs | Metal clamping band with vibration absorbent foam



Easy-Fix Termination Kit EFT

90427AA

Designed to be installed from inside a building through a cored out to Ø115mm (nominal) hole drilled in brickwork | Easily cut to length | Simple installation save times and cost | Four sealing rings provide a watertight seal in the external wall | Used with: Premier DX200, CF20 | Not suitable for 100mm axial fans | Length: 465mm



Roof Cows RC

RC6 (GX6, GXC6)	89997AW
RC9 (GX9, GXC9)	90048AW
RC12 (GX12)	90092AW

Roof Cows XRC

XRC315-350	92364AA
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Ø315 – 350mm Roof Cowl

XRC400-450	92365AA
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Ø400 – 450mm Roof Cowl

XRC500-550	92366AA
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Ø500 – 550mm Roof Cowl

XRC630-710	92367AA
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Ø630 – 710mm Roof Cowl

For use in roof applications | The cowl is fitted in place of an exterior grille | Can also be used in exposed window or wall applications subject to strong prevailing winds



Ceiling Diffuser Grilles DG

Square – Satin Silver

	Dia (mm)	
DG20S	200	89816AA
DG30S	300	89818AA

Square – White

	Dia (mm)	
DG20W	200	89815AW
DG30W	300	89817AW

For air input systems terminating at ceilings and internal walls | Adjustable grille vanes to set up direction of airflow for a particular area | Fixing screws provided (not size 600) | Use with grille boxes and Xflex ducting | Aluminium construction | Colours: satin silver or white



4-Way Diffuser

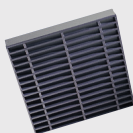
DG50W	89821AW	£143.90
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Air Operated Louvre Shutters XLG

	Square (mm)	
XLG100	100	89691AA
XLG120	120	89692AA
XLG150	150	89693AA
XLG200	200x200	89694AA
XLG250	250x250	89695AA
XLG315	315x315	89696AA
XLG400	400x400	90294AA

Plastic construction | Fixed to outside of exterior wall | Air operated | Colour: white

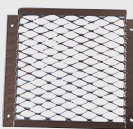
Accessories Models



Fire Blocks FB

FB20	89835AA
w200 x h200mm	
FB30	89836AA
w300 x h300mm	

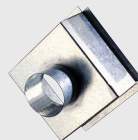
For use with air replacement grille (ARG) | Fitted between two grilles in a fire door or compartment | Spec fire rated 60 mins to BS478 Part 8



Protective Wall Grilles PG

PG6 (GX6, GXC6, WX6)	89375AA
PG9 (GX9, GXC9, WX9)	89376AA
PG12 (GX12)	89377AA
PGW12 (WX12)	90204AA

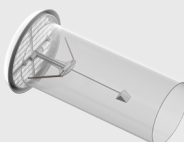
For use with GX and WX fans to protect the exterior grille from damage by vandals | Constructed from steel mesh and finished in black epoxy powder paint | Surface-mounted to exterior wall using fixing screws and wall plugs provided | w356 x h305 x d67mm



Grille Box GB

	Duct Square		
	Dia (mm)		
GB20/100	100	200	89676AA
GB20/125	125	200	89677AA
GB20/150	150	200	89678AA
GB30/200	200	300	89679AA
GB45/315	315	450	89681AA
GB50/315	315	500	89828AA
GB60/400	400	600	90296AA

Used in conjunction with egg-crate ceiling grille and ceiling diffuser grille to connect to ductwork | Use Xflex FD or TFD to attach to spigot and secure with worm drive dip



100mm Inside Fit External Wall Grille

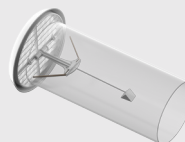
As kit with flexible ducting	
Round/White	92991AW
Square/White	92992AW
Round/Brown	92993AB
Square/Brown	92994AB
Retail blister pack x6	
Round/White	93238AA
Square/White	93236AA
Round/Brown	93239AA
Square/Brown	93237AA



Air-Replacement Grilles ARG

ARG20	89833AA
w200 x h200mm	
ARG30	89834AA
w300 x h300mm	

For use with all commercial fans | Fitted to doors or partition walls to provide adequate air replacement for a fan | Can be used in conjunction with Fire Block FB in fire doors and panels to prevent the breach of fire protected areas or compartments | Each set comprises of 2 grilles



150mm Inside Fit External Wall Grille

As kit with flexible ducting

Round/White	93191AB
Round/Brown	93191AB
Retail blister pack x6	
Round/White	93240AA
Round/Brown	93241AA



Simply Silent™ Replacement Baffle

SSSB Square	92957AW
SSRB Round	92958AW

Accessories Models



Spigot Plates SP

	Duct Dia (mm)	Square Dia (mm)	
SP100	100	180	92644AA
SP125	125	175	89698AA
SP200	200	250	92647AA
SP250	250	300	92648AA
SP315	315	365	92649AA

Fixes to the interior surface of wall to connect to Xflex ducting | Connect duct using worm drive clips | Material: metal



Air Volume Dampers AVD

	Square (mm)	
AVD20	200	89829AA

Clips directly to an egg-crate grille or ceiling diffuser grille to adjust the volume of air entering the room | Lever adjustment | Depth 44mm | Used together with Grille Box and Xflex ducting | Material: Aluminium Mill finish



GX Longer Length Ladder Strips

GXL20 (20 pack)	89382AA
GXL50 (50 pack)	89383AA

Used when installing GX fans through walls | Length: 508mm | Easy to cut | GX6 & GXC6: 2 strips | GX9 & GXC9: 3 strips | GX12: 4 strips



Egg-crate Ceiling Grilles CG

Square – Satin Silver

	Dia (mm)	
CG20S	200	89675AA
CG30S	300	89532AA
CG45S	450	89533AA
CG50S	500	89827AA
CG60S	600	90295AA

Square – White

	Dia (mm)	
CG20W	200	89823AW
CG30W	300	89824AW
CG45W	450	89825AW
CG50W	500	89826AW

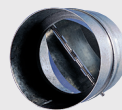
Can be used on ceilings or internal walls as an air replacement grille with large free area | Aluminium construction | Fixing screws provided (not size 600) | Use with grille boxes and Xflex ducting | Colours: satin silver or white



External Louvre Grilles EG

	Duct (mm)	
EG30	300x300	89534AA
EG45	450x450	89535AA
EG50	500x500	90538AA
EG67	670x670	90539AA

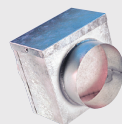
Weather-resistant, recess-mounting fixed louvre grille for exterior walls | Aluminium construction | Fitted bird guard



Backdraught Shutters XBD

	Duct Dia (mm)	
XBD100	100	89636AA
XBD125	125	89637AA
XBD150	150	89638AA
XBD200	200	89639AA
XBD250	250	89640AA
XBD315	315	89641AA

GSM construction | Spring loaded flaps | For use with XID, XIDP and cabinet fans | Fits between two lengths of ducting which are secured to the outside with worm drive clips when using Xflex FD ducting or with solid duct fasteners for solid ducting



Bag Filter Cassettes CFC

	Duct Dia (mm)	Box Sq. (mm)	
CFC1-125	125	155	90285AA
CFC2-150	150	180	90286AA
CFC3-200	200	230	90287AA
CFC4-250	250	280	90288AA
CFC5-315	315	345	90289AA
CFC6-400	400	430	90290AA

GSM construction | Simple but effective inline filtration | Filter medium EU3 | 92% efficient to BS 2831 number 2 test | All filter boxes are 130mm deep | Lid secured by screw on 2 sides

Accessories Models



Air Operated Louvre Shutters XLS

	Duct (mm)	
XLS315	315x315	89905AA
XLS350	350x350	91144AA
XLS400	400x400	89906AA
XLS450	450x450	89907AA
XLS500	500x500	90540AA
XLS670	670x670	90541AA

Aluminium construction | Fixed to outside of exterior wall | Air operated | Use with: XPM



Four Way Ceiling Diffusers FW

	To Fit Square Duct Size (mm)	
FW225	225x225	91424AA
FW300	300x300	91425AA
FW500	500x500*	91429AA

*Outer frame dim. 600x600 | Rigid lightweight polypropylene frame | Four drop-in diffuser cassettes can be set up for angled or downward diffusion | Each cassette can be fitted eight ways providing multi-directional air patterns | Secret fixings adjust to varying plasterboard and tile thickness without surface screws | Largest size drops into 600x600mm ceiling grid system



Spigot Plate/Damper FWS

	Diff Square (mm)	Spigot Dia (mm)	
FWS150	225x150	150	91430AA
FWS200	225x200	200	91431AA
FWS250	300x250	250	91432AA
FWS300	350x300	300	91456AA

Interlock with four-way diffusers | Sloping spigot and barbs for easy duct attachment | Built-in air volume damper in spigot sizes up to 300mm



Flexible Duct Connectors

FFC1-125	90297AA
Ø125mm flexible duct connector	
FFC2-150	90298AA
Ø150mm flexible duct connector	
FFC3-200	90299AA
Ø200mm flexible duct connector	
FFC4-250	90300AA
Ø250mm flexible duct connector	
FFC5-315	90301AA
Ø315mm flexible duct connector	
FFC6-400	90302AA
Ø400mm flexible duct connector	



Short Case Axial Fan Xtras SCX

	Fan Size (mm)	
SCX315	(XSCA315)	91317AA
SCX350	(XSCA350)	91318AA
SCX400	(XSCA400)	91319AA
SCX450	(XSCA450)	91320AA
SCX500	(XSCA500)	91321AA
SCX630	(XSCA560)	91322AA

Installation pack comprising of: 2 steel matching coupling flanges | 2 flexible connectors | 4 worm drive clips | 2 mounting feet | 4 anti-vibration mounts



Circular Silencers SIL

	Duct Dia (mm)	Lgth (mm)	Dia (mm)
SIL100	100	300	200
89837AA			
SIL125	125	300	225
89838AA			
SIL150	150	300	250
89839AA			
SIL200	200	300	300
89840AA			
SIL250	250	300	350
89841AA			
SIL315	315	300	415
89842AA			

For use with all circular duct systems | For rigid ductwork the spigot incorporates a duct seal for leak-free construction | GSM construction

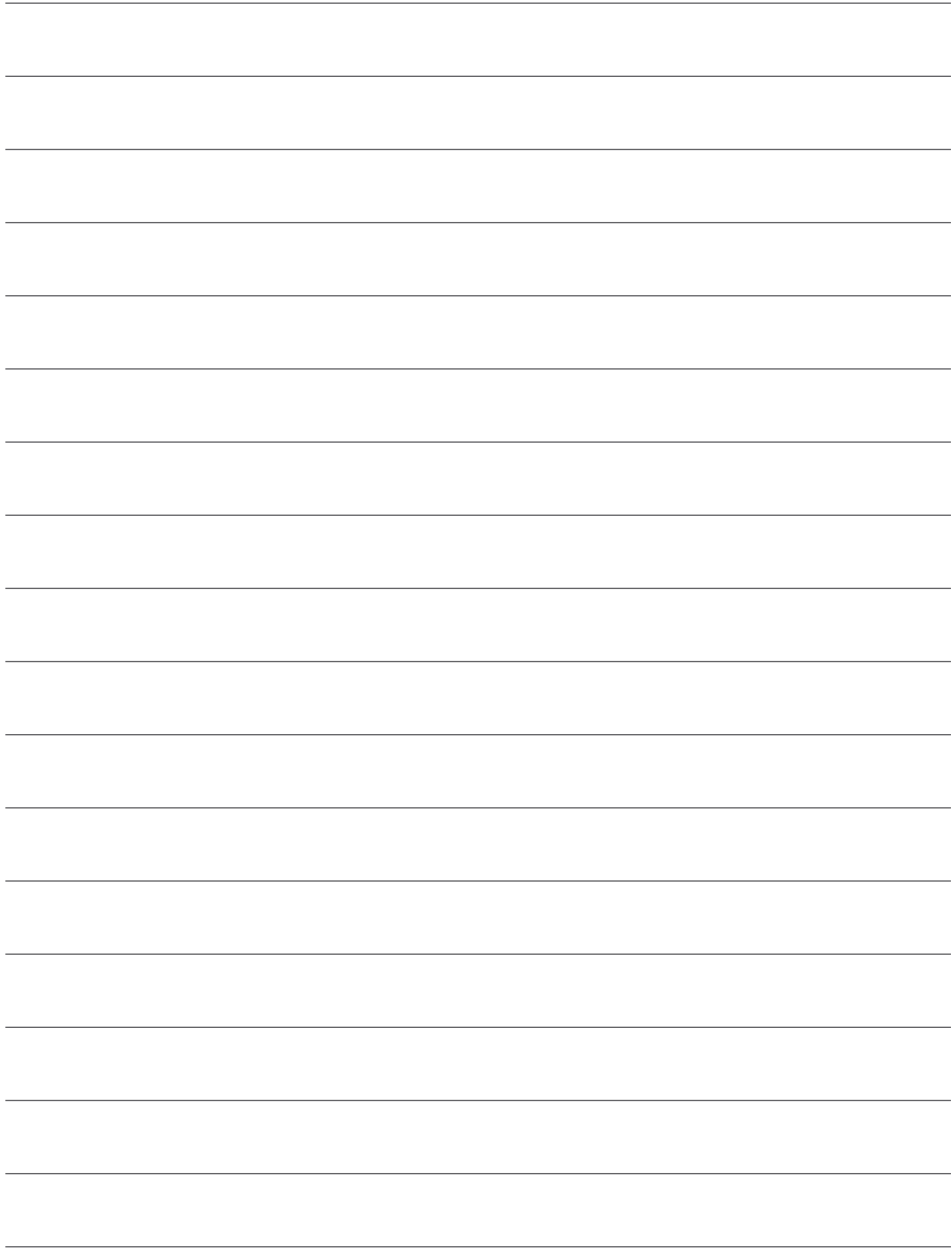
Notes

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Ancillaries



Notes



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